

20010815.qrp v02_n282.qrl.20010815

Date: Wed, 15 Aug 2001 19:03:10 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2282

QRP-L Digest 2282

Topics covered in this issue include:

- 1) [104893] Re: Anti-ARRL Sentiment
by "N8IE" <n8ie@woh.rr.com>
- 2) [104894] Re: [fpqrp] Anti-ARRL Sentiment
by "Rod Cerkoney, N0RC" <rod@n0rc.com>
- 3) [104895] RE: Resonant vs. Nonresonant Antenna
by Nick Kennedy <nkennedy@tcainternet.com>
- 4) [104896] Re: LIGHTNING STRIKE at K3TKS
by Bruce Muscolino <w6toy@erols.com>
- 5) [104897] Thanks St Max
by Kenneth Hoglund <hoglund@wfu.edu>
- 6) [104898] FOX - N5IB log
by n5ib@juno.com
- 7) [104899] ForSale: Gap Titan DX Vertical Antenna - de AL7FS
by Jim Larsen AL7FS <AL7FS@pobox.alaska.net>
- 8) [104900] CLUB: WestFLA QRP Meeting this Saturday, 18 August 2001
by "Stephen D. Cohen" <scohen@tampabay.rr.com>
- 9) [104901] 2N2/40 builders - LAST CALL
by John Wagner <john@wagner-usa.net>
- 10) [104902] Propagation Tool
by "Karl F. Larsen" <k5di@zianet.com>
- 11) [104903] Need info: RS 2M amp for sale?
by John Farler <jfarler@peoplepc.com>
- 12) [104904] AL7FS and Pacificon 2001
by Jim Larsen AL7FS <AL7FS@pobox.alaska.net>
- 13) [104905] Re: Help with ID of QRM source
by "Walt Amos" <k8cv@netzero.net>
- 14) [104906] Re: Propagation Tool
by "W3CDE Jerry L." <w3cde@bellsouth.net>
- 15) [104907] added pleasure
by David Heintzleman <pstrdave@kdsi.net>
- 16) [104908] X-Beam revisited - 20M (Long) using MMANA
by "Mike Pupeza" <mpupeza@sympatico.ca>
- 17) [104909] ForSale test message
by Jim Larsen AL7FS <AL7FS@pobox.alaska.net>
- 18) [104910] For Sale: Gap Titan DX Vertical Antenna - de AL7FS
by Jim Larsen AL7FS <AL7FS@pobox.alaska.net>
- 19) [104911] Opinions on Netscape 6.1

- by "Phil (VA3UX)" <phil@vaxxine.com>
- 20) [104912] Re: Help with ID of QRM source
by "Rod Cerkoney, N0RC" <rod@n0rc.com>
- 21) [104913] FOX: Cub foxii please hear me!
by John Wagner <john@wagner-usa.net>
- 22) [104914] FOX Both weak tonight
by "Karl F. Larsen" <k5di@zianet.com>
- 23) [104915] Re: FOX: Cub foxii please hear me!
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 24) [104916] Re: FOX: Cub foxii please hear me!
by "George, W5YR" <w5yr@att.net>
- 25) [104917] Re: FOX: Cub foxii please hear me!
by KC1FB <kc1fb@optonline.net>
- 26) [104918] Cub FOXes Spots
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 27) [104919] Re: Propagation Tool
by William R Colbert <w5xe@juno.com>
- 28) [104920] YB400 vs Icom !C-R3?
by RadioKOL@aol.com
- 29) [104921] Re: X-Beam revisited - 20M (Long) using MMANA
by "George, W5YR" <w5yr@att.net>
- 30) [104922] Re: Cub FOXes Spots
by "George, W5YR" <w5yr@att.net>
- 31) [104923] FOX -- Two for Two...
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 32) [104924] Re: Cub FOXes Spots
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 33) [104925] Re: Cub FOXes Spots
by KB7WW Art Moe <kb7ww@uswest.net>
- 34) [104926] Northeast Cub Fox bushed
by "K1VP" <k1vp@grizzly.com>
- 35) [104927] Cub Fox thanks from Glenn WA7SPY!
by "Glenn Maclean" <wa7spy@home.com>
- 36) [104928] Trailer hitch antenna mount
by ARDUJENSKI@aol.com
- 37) [104929] RE: Trailer hitch antenna mount
by "Roger A. McCarty" <rmccarty@earthlink.net>
- 38) [104930] NVIS 80m antenna info
by ARDUJENSKI@aol.com
- 39) [104931] Cub Fox Hunt August 14 Preliminary log WA7SPY
by "Glenn Maclean" <wa7spy@home.com>
- 40) [104932] Re: Cub Fox Hunt August 14 Preliminary log WA7SPY
by "George, W5YR" <w5yr@att.net>
- 41) [104933] FOX: Notice for Thursday 8/16, N2WW
by "Marshall Emm" <mgemm@ntechnologies.com>
- 42) [104934] Re: ForSale test message
by DK3RED@t-online.de (Ingo DK3RED)
- 43) [104935] "Come visit my web site!"

by "ME" <ELBC@PIVOT.NET>
44) [104936] NETXQRP Club Meeting
by "Chuck Carpenter" <w5usj@globeco.net>
45) [104937] Re: Propagation Tool
by "Karl F. Larsen" <k5di@zianet.com>
46) [104938] Re: X-Beam revisited - 20M (Long) using MMANA
by "Karl F. Larsen" <k5di@zianet.com>
47) [104939] Re: YB400 vs Icom IC-R3?
by Phil Wheeler <w7ox@earthlink.net>
48) [104940] Re: Opinions on Netscape 6.1
by Phil Wheeler <w7ox@earthlink.net>
49) [104941] Re: Opinions on Netscape 6.1
by Bruce Grubbs <n7ceeqr@earthlink.net>
50) [104942] Fox Hunting
by "Jason Hissong" <jhisson1@columbus.rr.com>
51) [104943] FOX: Foxless in VT
by John Wagner <john@wagner-usa.net>
52) [104944] Last weeks NEQRP checkins
by "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
53) [104945] NEQRP SSB NET start time
by "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
54) [104946] Re: Fox Hunting
by John Wagner <john@wagner-usa.net>
55) [104947] Re: NEQRP SSB NET start time
by "Mike Yetsko" <myetsko@insydesw.com>
56) [104948] Re: Cub Fox thanks from Glenn WA7SPY!
by John Wagner <john@wagner-usa.net>
57) [104949] Re: NEQRP SSB NET start time
by Frank Brickley <brickley@pobox.com>
58) [104950] Re: NEQRP SSB NET start time
by Brad Mitchell <n8yg@yahoo.com>
59) [104951] Re: Fox Hunting
by "Rod Cerkoney, NØRC" <rod@n0rc.com>
60) [104952] Re: Opinions on Netscape 6.1
by Haines Brown <brownh@hartford-hwp.com>
61) [104953] Locating a MC2830 IC
by Nils R Young <nilsbull@juno.com>
62) [104954] Re: Extra Parts
by Bill Coleman <aa4lr@arrl.net>
63) [104955] More on beacons
by "Karl F. Larsen" <k5di@zianet.com>
64) [104956] QRP AFIELD
by "Kwik, Ed " <ed.kwik@delphiauto.com>
65) [104957] Fwd: ARLB033 FCC Invites Comments on ARRL's 60-Meter Petition
by Pete Burbank <plburbank@kih.net>
66) [104958] Re: Extra Parts
by "Carlos Caro" <cjcaro35@hotmail.com>
67) [104959] Re: QRP AFIELD

- by "Mark J. Dulcey" <mark@buttery.org>
- 68) [104960] Re: Extra Parts
by Haines Brown <brownh@hartford-hwp.com>
- 69) [104961] QRP Forum at the SW Division ARRL Convention
by "Phinizy, William" <wphinizy@filenet.com>
- 70) [104962] Re: Extra Parts
by "Mike Yetsko" <myetsko@insydesw.com>
- 71) [104963] Re: Extra Parts
by <igeq100@iupui.edu>
- 72) [104964] K8FF paddles' thumb screws ?
by Hugo <hugo@optonline.net>
- 73) [104965] FOX: Hunt Announcement, W8RU-N2WW on Thursday 8/16 (local)
by Ron Majewski <majewski@erim-int.com>
- 74) [104966] Re: More on beacons
by "Rob Matherly" <kc0bom@yahoo.com>
- 75) [104967] Re: Extra Parts
by "Leon Heller" <leon_heller@hotmail.com>
- 76) [104968] 75 to 52 ohms
by Gary Halpern <gary.halpern@sympatico.ca>
- 77) [104969] Re: 75 to 52 ohms
by Pete Burbank <plburbank@kih.net>
- 78) [104970] Re: 75 to 52 ohms
by "George, W5YR" <w5yr@att.net>
- 79) [104971] Re: 75 to 52 ohms
by "Mike Yetsko" <myetsko@insydesw.com>
- 80) [104972] EZNEC comparison
by ARDUJENSKI@aol.com
- 81) [104973] 75 ohm matching line
by ARDUJENSKI@aol.com
- 82) [104974] Radio Shack Model 102 computer for sale
by Edwin Lappi <ae4ec@usa.net>
- 83) [104975] Re: X-Beam revisited - 20M (Long) using MMANA
by "Dave Fifield" <dave@redhotradio.com>
- 84) [104976] Re: ARLB033 FCC Invites Comments on ARRL's 60-Meter Petition
by J.Bennett@lboro.ac.uk
- 85) [104977] WTB: 80m PSK-80 Warbler
by "Pastor-KC1DI" <elbc@pivot.net>
- 86) [104978] RE: 75 to 52 ohms
by "Charles Mabbott" <crmabbott@mediaone.net>
- 87) [104979] Re: X-Beam revisited - 20M (Long) using MMANA
by "Karl F. Larsen" <k5di@zianet.com>
- 88) [104980] Trailer hitch antenna mount
by "Charles Mabbott" <crmabbott@mediaone.net>
- 89) [104981] Re: ARLB033 FCC Invites Comments on ARRL's 60-Meter Petition
by Bruce Muscolino <w6toy@erols.com>
- 90) [104982] Re: FOX: Cub foxii please hear me!
by "Glenn Butzlaff" <gbutzlaff@wi.rr.com>
- 91) [104983] Re: X-Beam revisited - 20M (Long) using MMANA

by Bob Nielsen <nielsen@oz.net>
92) [104984] Gain
by "Karl F. Larsen" <k5di@zianet.com>
93) [104985] Last evening's CUB HUNT
by "Tom" <n1tp@worldnet.att.net>
94) [104986] De-soldering tool
by "bob baxter" <rbaxter@cybertrails.com>
95) [104987] Re: Gain
by "Bill Jones" <kd7s@psnw.com>
96) [104988] Re: Gain
by "Karl F. Larsen" <k5di@zianet.com>
97) [104989] Mosley TA-33 triband yagi for sale
by Paul Womble <pwomble1@tampabay.rr.com>
98) [104990] Re: Gain
by "Bill Jones" <kd7s@psnw.com>
99) [104991] Re: Extra Parts
by "E. Roswell" <eroswell@monmouth.com>
100) [104992] Got IT!
by "Karl F. Larsen" <k5di@zianet.com>

Date: Tue, 14 Aug 2001 19:05:16 -0400
From: "N8IE" <n8ie@woh.rr.com>
To: <qrp-1@lehigh.edu>
Subject: [104893] Re: Anti-ARRL Sentiment
Message-ID: <00c801c12515\$981a83e0\$0200a8c0@woh.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

GIVE IT A REST, THE DAMN HORSE IS DEAD!

72, oo
Dan, N8IE
FPqrp-1 #-6, FISTS #4985
I have a SOC # but I forgot it.
----- Original Message -----
From: "Bruce Muscolino" <w6toy@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, August 14, 2001 1:07 PM
Subject: Re: Anti-ARRL Sentiment

> Karl,
>
> I can respect the idea that you are not a joiner. I can't respect the

> idea that you are complaining about what they do if you don't even
> belong or get a little bit involved! Sorry
>

Date: Tue, 14 Aug 2001 17:10:00 -0600
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [104894] Re: [fpqrp] Anti-ARRL Sentiment
Message-ID: <004701c12516\$3ed291a0\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>From the Fat Lady:

DO RI MI FA SO LA TI DO!

There, now its over can we get back to um ahhh errrr oh yeah QRP
radio! ;-)

R.

----- Original Message -----
From: "Bill ROWLETT" <kc4atu@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, August 14, 2001 4:47 PM
Subject: Re: [fpqrp] Anti-ARRL Sentiment

> Will the fat lady plse sing on this one.
>

Date: Tue, 14 Aug 2001 18:42:31 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'George, W5YR'" <w5yr@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104895] RE: Resonant vs. Nonresonant Antenna
Message-ID: <01C124F0.E0E77260.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

Hello George-

-----Original Message-----

From: George, W5YR [SMTP:w5yr@att.net]

"Any effort on my part to "explain" the Conjugate Match theorem would (a) require more bandwidth than we should use here ..."

I agree--this can be pretty boring. But at least it's radio related and not much more trivial than some other postings (including my own). Still, I don't blame those that have already hit "delete".

I don't think conjugate matching itself is too complicated. If you've got a source with a complex source impedance, make the load have the same impedance but with the sign of the reactive component reversed and you'll get max power transfer.

But some of the other stuff about seeing the conjugate in both directions when you cut the line gets a little interesting. (more later)

"Quoting from Chapter 17 of "Reflections""

Chapter 17? My .pdf only has 7 chapters. Maybe you're describing Reflections 2(?)

"If a group of four-terminal networks containing only pure reactances (or lossless lines) are arranged in tandem to connect a generator to its load, then if at any junction there is a conjugate match of impedances, there will be a conjugate match of impedances at every other junction in the system."

That's interesting and not too hard to visualize, just using random values of reactance strung out in series. Say you're at a point in the line where Z to the left is $100 + j75$ and to the right is the conjugate, $100 - j75$. Now suppose the next reactance to the right has a value of $+j5$. Move right beyond that and then the value to the left becomes $100 + j75 + j5$ or $100 + j80$ and the value to the right becomes $100 - j75 - j5$ or $100 - j80$. Still a conjugate. Whatever you add to the left, you subtract from the right. Whoda thought it?

The part involving transmission lines isn't so intuitive and doesn't yield to simple arithmetic. In my first message, I pictured a G5RV type antenna with a transition from ladder line to coax somewhere along the feeder and

asked how the conjugate match at the transmitter end could cause that junction to become a conjugate match. (Meaning, you break the coax to ladder line junction apart and look into each line, you'll see conjugate impedances.)

Well I've got the Transmission Line Equation (the big one with the complex SINH and COSH and maybe even GOSH functions in it) set up in Excel, so I did a hypothetical case like the G5RV one I mentioned. Son of a gun; you do get the complex conjugate at that junction.

OK-I've swallowed two parts of the lesson and learned some interesting stuff. Now, two questions still remain:

1. Does this conjugate stuff really help hams understand why SWR on a line isn't necessarily a terrible thing and why providing a 50-ohm match at the transmitter is the most important issue? Although the conjugate thing is interesting, it doesn't do it for me.
2. Do you really have a conjugate match at the transmitter end?

That's been the central question (to me) of all the endless debates on rec.radio.amateur.antenna, and I don't see why the match would exist. (To have that conjugate match, the transmitter must have a 50 ohm internal source resistance. But why would it?) I re-did my Excel spreadsheet thing, but instead of having the source be the conjugate, I made it cancel the reactance but have a different resistance. This completely fouled up the conjugate match deal at the coax to ladder junction, as you'd expect. But who cares? The SWR on the line is the same. Now the power into the line is different, but maybe that's what I wanted. As you know, with a matched condition, efficiency is only 50%. Remember in the tube days, when you'd talk about lightly (or heavily) loading the final? You didn't always want maximum power output; you wanted a certain efficiency and best health for the final tube. If you were a novice, maybe you were keeping the DX-40 plate current to 125 ma so you wouldn't exceed 75 watts input.

"The point referenced in your final paragraph is that the actual antenna itself, even if non-resonant in its own dimensions, etc. becomes resonant at its feedpoint in a properly tuned system."

Yeah. I wasn't really disagreeing with you here, just saying that Karl's original post dealt with the antenna itself as being resonant or non-resonant. But hey, we're off onto something else now, right?

"Quite an amazing feat for a couple of variable caps and an inductor!"

It really is!

"Nick, to conserve bandwidth, I am not quoting your response so please do not take offense."

We should all do that!

72-Nick, WA5BDU
in Arkansas

Date: Tue, 14 Aug 2001 19:58:26 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: mgemm@mtechnologies.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [104896] Re: LIGHTNING STRIKE at K3TKS
Message-ID: <3B79BB22.56AC647A@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Geez, I knew Prince George's County got it kinda bad in yesterday's storms but that's a darned shame! Of course Dan was not really on the air, but it probably did in his computer!

73

Date: Tue, 14 Aug 2001 20:13:19 -0400
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104897] Thanks St Max
Message-ID: <3B79BE9F.3AF871FE@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

How appropriate that on the Feast Day of St. Maximillian Kolbe, SK, my little ssb-qrp signal finally reached the big guns up in New England. Despite the noise and fading, the intrepid net worked together to drag me out of the mud. I've only been trying to check in since I got my General back 3 mos. ago.

Thanks St. Max, and thanks to the NEQRP angels. Nice group!

73
Ken KG4FGC

Date: Tue, 14 Aug 2001 20:21:18 EDT
From: n5ib@juno.com
To: qrp-l@Lehigh.edu
Subject: [104898] FOX - N5IB log
Message-ID: <20010814.191450.4647.3.n5ib@juno.com>

A storm-induced power failure cost me a few saved messages. One person e-mailed me with a correction to my recent foxhunt log: 5 W that should be 3 W. Would that hound please repeat...

There were a couple of other corrections, but I have those fine, so no need to repeat any others..

72
Jim N5IB

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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 14 Aug 2001 17:05:02 -0800
From: Jim Larsen AL7FS <AL7FS@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>, QRP Canada <qrp-canada@neale.gpfn.sk.ca>, Northern Georgia QRP <nogaqrp@qth.net>, NJQRP-L <njqrp@njqrp.org>
Subject: [104899] ForSale: Gap Titan DX Vertical Antenna - de AL7FS
Message-ID: <3B79CABE.233D80D3@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Refer to Gap Titan DX: <http://www.texastowers.com/titandx.htm>
and <http://www.gapantenna.com/titan.html>

I have a Gap Titan DX for sale for \$250.00 plus the shipping. That's about 25% below new price (or more) depending on where you buy it.

"The GAP Titan DX is an eight band vertical antenna. It requires no band switching and uses a unique trap-free design with an elevated feed system which reduces ground losses and yields a

52 Ohm nominal input impedance. The antenna utilizes a built-in 80" counterpoise so no radials are required. Roof or mast mounts on any 1.25" mast."

bands..... 80,40,30,20,17,15,12,10m
bandwidth..... <2:1 except 80m: 100 kHz
power rating..... 1500 Watts
recommended mast.. 1.25 inches
vertical height... 25 feet
weight..... 25 pounds
windload..... 5.5 square feet

I will forward a very large file of QRP-L messages (~250KB) concerning the Gap Titan DX antenna if you would like to have it. Also the Titan manual can be downloaded at: <http://www.gapantenna.com/titan.html>

If you have any questions at all, please ask.

Thank you.

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
<mailto:al7fs@arrl.net> - <http://www.qsl.net/al7fs/>

Date: Tue, 14 Aug 2001 21:07:55 -0400
From: "Stephen D. Cohen" <scohen@tampabay.rr.com>
To: "QRP-L Mailing List" <qrp-l@lehigh.edu>, "Jim Huhta" <aa4md@amsat.org>, "Jim Gerhart" <kd4rml@gte.net>, "Warren Elly" <w1gud@tampabay.rr.com>, "Garry Allen" <k4cyc@hamclub.org>, "Sean Dougherty" <kg4evw@arrl.net>, "Lee Seeley" <w4ckt@arrl.net>, "Brian Wenholz" <af4sr@hamclub.org>,
Subject: [104900] CLUB: WestFLA QRP Meeting this Saturday, 18 August 2001
Message-ID: <NDBBJALMDCJHFFPJMMFKOEMIFPAA.scohen@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Ladies and Gentlemen,

The next meeting of the Western Florida QRP Club (WestFLA) will be held this Saturday, the 18th of August at the Tampa Amateur Radio Club (TARC) clubhouse in Tampa, FLA. The meeting will begin about 10 AM local time (1400 UTC) and will end when everybody has had enough.

The meetings are run on the NorCal structure, or put another way, without structure. Folks just turn up and show off their projects, or put them on the air (The TARC clubhouse has a BIG K1H tri-bander and a GAP Vertical) or lie about the DX that got away or show off pictures of the grand-kids or get help with a kit or aligning a radio or whatever. Someone will bring donuts and coffee will be provided (somehow). The TARC facility is nice this way, as they have a full kitchen.

For directions to the TARC clubhouse, simply have a look at:

<http://www.qsl.net/westfla>

You will find a link there to the TARC web page and directions to the clubhouse. The web page also has some pictures from our first meeting, if you would like to get a feel for how they run. If you are interested in attending and you are web challenged, just drop us a line at westfla@qsl.net and we will e-mail directions your way.

I will bring a signal generator, counter and oscilloscope, so if you need help aligning a recent project or debugging something, we will have the correct tools. I can probably even be of some help myself, though I suspect that Mike Maiorana will be more helpful in most debugging ventures. Either way, we can provide some help.

Since I have finally provided Mac with his Direct Digital Synthesis kit from my friends in NJ, perhaps Mac and I will get started with it this Saturday. This kit produces any frequency from about .1 Hz on up to 60MHz with ease. It contains some cuts and jumpers and some surface mount parts, so maybe Mac and I will get started on putting it together. Mac?

In addition, I will continue to help Mac with his NoGA PIG rig. Of course, DXing with the club big hootie tri-bander and your QRP rig is always a treat. Last month I worked Jakarta, Indonesia on 15M SSB with my K2 at 5W. Bring your rig along and hook it to the BIG K1H tri-bander and see what *you* can work.

This Saturday we will also have a very special door-prize: One of the Ft. Smith QRP Group Iambic Paddle/TiCK Keyer Kit. See it on the NorCal web page. <http://www.fix.net/~jparkernorcal.html> (NOTE: Door prize subject to minimum attendance at the sole discretion of whoever)

Now you know what *I'm* going to bring, what are you going to bring? Well, enough blathering, it's time to get this message out to the world. Hope to see you on Saturday.

73,

Steve, NF4X

Date: Tue, 14 Aug 2001 21:24:04 -0400
From: John Wagner <john@wagner-usa.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104901] 2N2/40 builders - LAST CALL
Message-ID: <3B79CF34.F8B1F263@wagner-usa.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

We've started up a mailing list/group on Yahoo for those of us who will be building the 2N2/40 by Jim Kortge, K8IQY. For those new to QRP or QRP-L, you can find more info on this great radio at <http://www.qsl.net/k8iqy/>

We are getting ready to start ordering parts. If you are interested in joining us, send email to: 2n2-40-subscribe@yahoogroups.com - you will get a reply from Yahoo to which you in turn must reply - this will confirm your subscription. You DO NOT need to be a member of Yahoo to use the email features of the list. You do need to be a member of Yahoo to use the groups website, which is at; <http://groups.yahoo.com/group/2n2-40>

Please note: The 2n2-40 list is not a general purpose ragchew type list. We are using the list to discuss building the 2N2/40 - period.

Thanks, hope to see some more folks building with us.

73 de John, N1QO

--

John Wagner - john@wagner-usa.net
Web page: <http://www.neknetwork.com>

Date: Tue, 14 Aug 2001 19:26:48 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [104902] Propagation Tool

Message-ID: <Pine.LNX.4.33.0108141921580.4454-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

It's little known outside of DX circles but there are a bunch of beacon stations that operate on 14.1 18.11 21.15 24.93 and 28.2 MHz every day beginning on 00:00 UTC to 02:50 UTC on a set schedule. You can get all the dope from:

<http://www.ncdxf.org/beacon.htm>

and they have all you need. This beacon setup uses ts-50 radios at 100 watts to R-5 verticals. Listen and learn...

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Tue, 14 Aug 2001 02:14:54 -0400
From: John Farler <jfarler@peoplepc.com>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [104903] Need info: RS 2M amp for sale?
Message-ID: <3B78C1DE.4D1522C@peoplepc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Someone had a couple of Radio Shack 2 meter amps with the receive pre-amps for sale on the list a little while ago.

I have searched my old digests but haven't found the posts, for some reason. A friend of mine is interested, if the person can send me an email off list with details and the email address to inquire.

John Farler
K4AVX
jfarler@peoplepc.com

Date: Tue, 14 Aug 2001 17:44:39 -0800
From: Jim Larsen AL7FS <AL7FS@pobox.alaska.net>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [104904] AL7FS and Pacificon 2001
Message-ID: <3B79D407.3780628A@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings from Alaska,

It has been three long years since I went to my first Pacificon in 1998. I have great memories of that trip (<http://www.qsl.net/al7fs/AL7FS4.html>) and I am finally going to head down to California for a second try at Pacificon. I met 81 QRPers last time...it will be interesting to see who I can meet in 2001.

In 1998 I had a great roommate in K7ZEN but he is moving to Oregon and won't be able to make it this year. As such, I am looking to share a room with someone at the hotel Friday and Saturday night. I will actually be staying in the Richmond area for 3 days before and maybe a week after but I felt it would be more fun to be at the site for the whole weekend. This way I can use the BART transportation system out early on Friday morning and back on Sunday afternoon.

I would prefer a non-smoking person to share a room. We probably should make a reservation sooner rather than later to assure we get a room at the site. Any takers?

Thank you.

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
<mailto:al7fs@arrl.net> - <http://www.qsl.net/al7fs/>

Date: Tue, 14 Aug 2001 11:24:32 -0400
From: "Walt Amos" <k8cv@netzero.net>
To: "List Qrp-1" <qrp-1@lehigh.edu>, <rod@n0rc.com>
Subject: [104905] Re: Help with ID of QRM source
Message-ID: <000a01c1252b\$207451c0\$2a95d43f@NetZeroUser>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Welcome to the world of SHARING our (yes OUR) ham bands with part 15 devices !

They share our (yes OUR) ham bands on a " non interfering " basis!

CATCH 22

You (yes YOU) have to find them and tell them that they (yes, THEY) are interfering with you (yes , YOU) and they are supposed to stop ! Try that on your neighbor with his new computer network and those RADIO SHACK (yes, I did not say RAT SHACK) wireless connectors for his / her LAN! These things are also used with DIGITAL cable boxes (from the box to the telephone) for billing when they send movies to the customer.

Did you see the 3 fingered salute he gave you (better known as " perch on this ") and the instructions to " get the hell off my property) and the parting shot of " I will do anything I damn well please, buzz off BOZO " !!

Who can you thank for this well, start with Representative Tozin and the old Clinton FCC (no I'm not a republican) but "W" sure isn't going to repeal this like the clean water and Alaskan drilling !

Will this get better NO !!

Will this get worse YES !!

Walt K8CV Royal Oak, MI

----- Original Message -----

From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, August 14, 2001 9:20 AM
Subject: Help with ID of QRM source

> Folks,
>
> Sunday night (local) I recorded some strange QRM source on 20, 17 and
> 15 meters. More details at:
>
> http://www.qsl.net/n0rc/growl/growl_qrm.html
>
> Can you help ID this QRM?

>
> For lack of a better word I describe it as a "growl", it lasts for
> several seconds or more, is s5-9 at my QTH, and "walks" up the band.
>
>
> 73, Rod NØRC
> Ft Collins, CO
>
>

NetZero Platinum
Sign Up Today - Only \$9.95 per month!
<http://my.netzero.net/s/signup?r=platinum&refcd=PT97>

Date: Tue, 14 Aug 2001 21:48:09 -0400
From: "W3CDE Jerry L." <w3cde@bellsouth.net>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104906] Re: Propagation Tool
Message-ID: <3B79D4D9.BDD71E40@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Karl,

When did they shorten the hours??? They have been 24 hours
continuous for years...

Jerry
W3CDE

"Karl F. Larsen" wrote:

>
> It's little known outside of DX circles but there are a bunch of
> beacon stations that operate on 14.1 18.11 21.15 24.93 and 28.2 MHz every
> day begining on 00:00 UTC to 02:50 UTC on a set schedule. You can get all
> the dope from:
>
> <http://www.ncdxf.org/beacon.htm>
>
> and they have all you need. This beacon setup uses ts-50 radios at 100
> watts to R-5 verticals. Listen and learn...
>

> --
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Tue, 14 Aug 2001 19:47:36 -0500
From: David Heintzleman <pstrdave@kdsi.net>
To: qrp-l@Lehigh.EDU
Subject: [104907] added pleasure
Message-ID: <3B79C6A7.4FAD5B2D@kdsi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

in addition to all the joy of a great QQ issue, I'm enjoying the hunt!!
I'm trying to figure out who is helping K7RE test something. Or is it
that someone is testing K7RE? Can anybody help? :) :)

Again, wonderful issue, what a great team of guys....
Dave K8BBM

Date: Tue, 14 Aug 2001 21:56:20 +0100
From: "Mike Pupeza" <mpupeza@sympatico.ca>
To: "QRP-L" <qrp-l@lehigh.edu>
Cc: "Rick VE3CVG Bandla" <rbandla@voicelogix.ca>
Subject: [104908] X-Beam revisited - 20M (Long) using MMANA
Message-ID: <000d01c12503\$94d06720\$83ebe2d1@pupeza>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 8bit

Hi All;
This could be a bit long!
In trying and getting used to MMANA antenna program, I decided to run an old
potential Field Day Antenna as specified in the 1990 ARRL Antenna
Handbook!
I saw some info recently on this antenna, but forgot the source. However, I
set-up the antenna and played with it!
I m talking about a 20M X-Beam!
HEY, it blew my socks off!
The following parameters, sorry for the bandwidth, on 20 Meters at 23 off
the ground appear to give some pretty amazing results for 2 elements!

Over 9dBi gain with over 25dB F/B at 14.225 MHz.

I set it up with regular water pipe copper tubing, and #14 wire for the tails.

Am I missing something, or, is this really as good as it looks on MMANA?

Here s my input file:

X-Beam20m

*

14.225

Wires

8

0.0, 0.0, 0.0, -2.969, 2.969, 0.0, 0.016, -1

0.0, 0.0, 0.0, -2.969, -2.969, 0.0, 0.016, -1

-2.969, -2.969, 0.0, -0.5, -2.969, 0.0, 0.00162, -1

-2.969, 2.969, 0.0, -0.5, 2.969, 0.0, 0.00162, -1

0.04, 0.0, 0.0, 2.969, 2.969, 0.0, 0.016, -1

0.04, 0.0, 0.0, 2.969, -2.969, 0.0, 0.016, -1

2.969, -2.969, 0.0, 0.9, -2.969, 0.0, 0.00162, -1

2.969, 2.969, 0.0, 0.9, 2.969, 0.0, 0.00162, -1

*** Source ***

1, 1

w1b, 0.0, 0.5

*** Load ***

0, 0

Segmentation

400, 40, 2.0, 1

G/H/M/R/AzEl/X

2, 7.0, 2, 50.0, 0, 0, 0

Comment

Using standard 1/2" copper tubing

Using #14 wire for tails

While this design doesn't match the book

the results are excellent!

up to 9.2 dBi gain with up to 30 dB F/B at a fairly high angle!

So, am I some kind of DOZE, or is this a valid antenna to try?

(Hey, Right, build it, try it, and report back! - - - I know the feeling.

But life is short!)

Comments, from Antenna Analyzers really appreciated, others with comments also with reservations if you flame me!

Will this work as well as the MMANA says? That is as good as some/many 3 element beams!

72, 73

Mike VE3EQP ..>

Where 80% of Field Day Stations are South of me!

Mike Pupeza

Date: Tue, 14 Aug 2001 18:01:26 -0800
From: Jim Larsen AL7FS <AL7FS@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [104909] ForSale test message
Message-ID: <3B79D7F6.DE63F363@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have posted a message to QRP-L with ForSale as the first words and it refuses to show up on the QRP-L reflector. My Pacificon email made it through in just seconds. The message went just fine to the Canada and NoGa reflectors.

Is there a filter on QRP-L for this ForSale header?

This message is helping me to find out.

Sorry for the bandwidth.

Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
mailto:al7fs@arrl.net - <http://www.qsl.net/al7fs/>

Date: Tue, 14 Aug 2001 18:16:02 -0800
From: Jim Larsen AL7FS <AL7FS@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [104910] For Sale: Gap Titan DX Vertical Antenna - de AL7FS
Message-ID: <3B79DB62.74FA18E7@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Please excuse the multiple posts. All of my other posts to QRP-L went through fine. I would prefer to know for sure the For Sale message made it.

=====

Refer to Gap Titan DX: <http://www.texastowers.com/titandx.htm>
and <http://www.gapantenna.com/titan.html>

I have a Gap Titan DX for sale for \$250.00 plus the shipping. That's about 25% below new price depending on where you buy it.

"The GAP Titan DX is an eight band vertical antenna. It requires no band switching and uses a unique trap-free design with an elevated feed system which reduces ground losses and yields a 52 Ohm nominal input impedance. The antenna utilizes a built-in 80" counterpoise so no radials are required. Roof or mast mounts on any 1.25" mast."

bands..... 80,40,30,20,17,15,12,10m
bandwidth..... <2:1 except 80m: 100 kHz
power rating..... 1500 Watts
recommended mast.. 1.25 inches
vertical height... 25 feet
weight..... 25 pounds
windload..... 5.5 square feet

I will forward a very large file of QRP-L messages (~250KB) concerning the Gap Titan DX antenna if you would like to have it. Also the Titan manual can be downloaded at: <http://www.gapantenna.com/titan.html>

If you have any questions at all, please ask.

Thank you.

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
<mailto:al7fs@arrl.net> - <http://www.qsl.net/al7fs/>

Date: Tue, 14 Aug 2001 22:22:31 -0400
From: "Phil (VA3UX)" <phil@vaxxine.com>
To: qrp-l@Lehigh.EDU
Subject: [104911] Opinions on Netscape 6.1
Message-ID: <5.0.2.1.0.20010814222030.00a02a60@vaxxine.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Anyone got any good or bad experience to relate on Netscape 6.1 vs 4.76 ?

Please reply directly.

Thanks in advance...Phil

Date: Tue, 14 Aug 2001 20:28:56 -0600
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [104912] Re: Help with ID of QRM source
Message-ID: <006d01c12532\$090e5010\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

I post-processed my WAV files through Spectrogram and posted JPG images on the web page below.

Interesting ~200 "banding" in the traces.

73, Rod N0RC
Ft Collins, CO

----- Original Message -----
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, August 14, 2001 7:20 AM
Subject: Help with ID of QRM source

> Folks,
>
> Sunday night (local) I recorded some strange QRM source on 20, 17
> and
> 15 meters. More details at:
>
> http://www.qsl.net/n0rc/growl/growl_qrm.html
>
> Can you help ID this QRM?
>
> For lack of a better word I describe it as a "growl", it lasts for
> several seconds or more, is s5-9 at my QTH, and "walks" up the band.
>

>
> 73, Rod N0RC
> Ft Collins, CO
>

Date: Tue, 14 Aug 2001 22:41:46 -0400
From: John Wagner <john@wagner-usa.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104913] FOX: Cub foxii please hear me!
Message-ID: <3B79E16A.B8147E63@wagner-usa.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow, Glenn WA7SPY is at ESP levels if that on or near 14.061.61. I heard N1TP and K0EVZ get a pelt from him. Doc about blew my ears off. I've tried calling a few times but doubt he's going to hear me above the din. I heard hounds around Ed, K1VP but cannot hear him at all - he's just too close for 20m.

So I'm hoping Glenn will come a little and I'll get a split tonight. I absolutely must have at least one fox pelt during the week or I get cranky!

GL in the hunt,

73 de John, N1Q0

--

John Wagner - john@wagner-usa.net
Web page: <http://www.neknetwork.com>

Date: Tue, 14 Aug 2001 20:49:54 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [104914] FOX Both weak tonight
Message-ID: <Pine.LNX.4.33.0108142044250.4836-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I got Ed in NH with no problem. He didn't hear me well but he was 579 here. There was a mixup over frequencys and after Ed I looked up around 14060 for Glenn and heard Doc 599+ working him. Then I began to

copy Glenn wa7spy at esp levels.

Glenn got a bit louder but still not full copy and guys were calling on his frequency. Me too. But then I went up 500 Hz and he heard me fine up there. But now he is esp again on 14.0612 MHz....

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Tue, 14 Aug 2001 21:46:09 -0500
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [104915] Re: FOX: Cub foxii please hear me!
Message-ID: <200108150246.AA00738@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

I hear Glenn OK, but not a peep out of Ed. Can't even hear a pack down low. Anybody got a spot on Ed?

72/73,

Todd, AG0T

Date: Tue, 14 Aug 2001 21:51:19 -0500
From: "George, W5YR" <w5yr@att.net>
To: john@wagner-usa.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104916] Re: FOX: Cub foxii please hear me!
Message-ID: <3B79E3A7.59D612D8@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, John, if it makes you feel any better, they were both almost ESP down here tonight. Got Glen at 0204Z and he was much the louder of the Foxii but still a very weak signal. Finally found Ed and managed to squeak through a pelt at 0240Z but it was tough sledding hearing him at all.

You guys can say what you want to, but these Cub Hunts are as challenging

as the Big Boys! Competition is less but so are the signal levels so far.

Anyway, still lots of fun and a tip of the YR hat to John for making these hunts happen.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

John Wagner wrote:

>
> Wow, Glenn WA7SPY is at ESP levels if that on or near 14.061.61. I heard
> N1TP and K0EVZ get a pelt from him. Doc about blew my ears off. I've
> tried calling a few times but doubt he's going to hear me above the din.
> I heard hounds around Ed, K1VP but cannot hear him at all - he's just
> too close for 20m.
>
> So I'm hoping Glenn will come a little and I'll get a split tonight. I
> absolutely must have at least one fox pelt during the week or I get
> cranky!
>
> GL in the hunt,

Date: Tue, 14 Aug 2001 23:02:21 -0400
From: KC1FB <kc1fb@optonline.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104917] Re: FOX: Cub foxii please hear me!
Message-ID: <012401c12536\$b3bf3980\$6401a8c0@tp760e>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Amen,

They were/are both whispers especially ED who is too close...finally after many repeats got him with my low horizontal loop.

These are more challenging because I think the foxes are using marginal (normal) antlers.

Jim Francoeur KC1FB QRP-L #29
Member of The New England Hunt Club
Norwalk, CT

----- Original Message -----

From: "George, W5YR" <w5yr@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, August 14, 2001 22:51 PM
Subject: Re: FOX: Cub foxii please hear me!

Well, John, if it makes you feel any better, they were both almost ESP down here tonight. Got Glen at 0204Z and he was much the louder of the Foxii but still a very weak signal. Finally found Ed and managed to squeak through a pelt at 0240Z but it was tough sledding hearing him at all.

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>
> So I'm hoping Glenn will come a little and I'll get a split tonight. I
> absolutely must have at least one fox pelt during the week or I get
> cranky!
>
> GL in the hunt,

Date: Tue, 14 Aug 2001 23:06:19 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [104918] Cub FOXes Spots
Message-ID: <200108142306_MC3-DC85-D3F3@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable

Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Gang:

This should be a splendid evening to grab a pelt or two. The Cub FOXes are on there, both with 559-569 signals here in Bismarck. At 0220 one Cub was on 14.051 and the other was on 14.061. They are both doing a terrific job, with a number of hungry hunters hot on their trails. Go get 'em, everyone.
GL.

73,
--Doc/K0EVZ

Date: Tue, 14 Aug 2001 21:10:35 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [104919] Re: Propagation Tool
Message-ID: <20010814.211037.-435175.2.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

And variable power levels down to 100mW!

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78
fp #111 ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

Date: Tue, 14 Aug 2001 23:11:11 EDT
From: RadioKOL@aol.com
To: qrp-l@lehigh.edu
Subject: [104920] YB400 vs Icom !C-R3?
Message-ID: <17.1a174f12.28ab424f@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Does anyone know how the Grundig Yacht Boy 400 compares to Icom IC-R3, with regards to general SWL characteristics (sensitivity, selectivity). Also, has anyone been successful receiving Amateur tv with the IC-R3?

Your comments would be appreciated.

Bill KB9KOL

Date: Tue, 14 Aug 2001 22:15:31 -0500
From: "George, W5YR" <w5yr@att.net>
To: mpupeza@sympatico.ca
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104921] Re: X-Beam revisited - 20M (Long) using MMANA
Message-ID: <3B79E953.FC866AE4@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike, why not download the free EZNEC demo and compare the results with your MMANA?

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Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

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> Handbook!
> I saw some info recently on this antenna, but forgot the source. However, I
> set-up the antenna and played with it!
> I m talking about a 20M X-Beam!
> HEY, it blew my socks off!
> The following parameters, sorry for the bandwidth, on 20 Meters at 23 off
> the ground appear to give some pretty amazing results for 2 elements!
> Over 9dBi gain with over 25dB F/B at 14.225 MHz.
> I set it up with regular water pipe copper tubing, and #14 wire for the
> tails.

> Am I missing something, or, is this really as good as it looks on MMANA?

Date: Tue, 14 Aug 2001 22:19:18 -0500
From: "George, W5YR" <w5yr@att.net>
To: 70511.3041@compuserve.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104922] Re: Cub FOXes Spots
Message-ID: <3B79EA36.FDEEE3C0@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Doc, I am convinced that you must live in a different dimension!

The Foxii down here were "workable" for Glen but very weak and almost total ESP for Ed! <:}

I think I need to put a station in ND and operate remotely from here!

Heard you work Ed and you just about blew the cans off my ears. Had everything wide open and full NR with the 756PRO and could barely hear Ed (finally got him at 0240Z) and then you called! POW! Man, what a signal . . .

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

"Wilford D. Lindsey" wrote:

>
> Gang:
>
> This should be a splendid evening to grab a pelt or two. The Cub FOXes are
> on there, both with 559-569 signals here in Bismarck. At 0220 one Cub was
> on 14.051 and the other was on 14.061. They are both doing a terrific job,
> with a number of hungry hunters hot on their trails. Go get 'em, everyone.
> GL.

Date: Tue, 14 Aug 2001 22:20:28 -0500
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [104923] FOX -- Two for Two...

Message-ID: <200108150320.AA00828@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

Interesting conditions tonight. I had Glenn in my sights, and winged him with 250 mW. He got my call, gave me the report, etc., turned it back to me, whereupon I started in with the reply. Guess I had faded down into the noise, because I barely got "TU GLENN" out and he started calling CQ FOX again. :-) Kept getting weaker as he'd fade into the noise. Figured it was time to break out the 5W amp.

Had to swing at him a few times with the big club, but got it done. Then swung down to find Ed. Not very strong either. Kept the 5W in line, and fired away. After getting the exchange, correcting the call, and a repeat, I had him too. :-) Now, Ed is peaking 559 here, but the QSB is still deep and fairly frequent.

Oh well, two foxii in 5 minutes isn't altogether bad, although I had been milliwatting Glenn for near an hour beforehand. Not quite favourable conditions for that tonight.

72/73,

Todd, AG0T

Date: Tue, 14 Aug 2001 23:30:02 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:w5yr@att.net" <w5yr@att.net>
Cc: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>, "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [104924] Re: Cub FOXes Spots
Message-ID: <200108142330_MC3-DC85-D463@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

George:

Hate to do it--but note that Todd AG0T also bagged both FOXes. He lives =
in
Minot, ND, about 100 miles north of here. ND is in the geographical cent=
re
of North America, and this may well help with HF propagation.

73,
--Doc/K0EVZ

Date: Tue, 14 Aug 2001 20:46:12 -0700
From: KB7WW Art Moe <kb7ww@uswest.net>
To: 70511.3041@compuserve.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104925] Re: Cub FOXes Spots
Message-ID: <3B79F084.1B057BF@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ED was on the weak side here and I figured that Glenn was to close BUT thanks to some E skip Glenn was s9 at times.

Figured out how to beat the S9 QRN that the power company has NOT fixed yet.

Use the Six meter beam it does a good job of nulling out the noise and I can hear a few signals now, kinda like using a loop on 160

Art
KB7WW

"Wilford D. Lindsey" wrote:

>
> George:
>
> Hate to do it--but note that Todd AG0T also bagged both FOXes. He lives in
> Minot, ND, about 100 miles north of here. ND is in the geographical centre
> of North America, and this may well help with HF propagation.
>
> 73,
> --Doc/K0EVZ

Date: Wed, 15 Aug 2001 04:05:53 +0100
From: "K1VP" <k1vp@grizzly.com>
To: <qrp-1@lehigh.edu>
Subject: [104926] Northeast Cub Fox bushed
Message-ID: <003101c12537\$34f9ce20\$1701a8c0@grizzly.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Sorry for those I missed. I heard many down in the noise and just could not pull you out. Managed to work around 35 tonight and hoped it went smoother for the Honds. Not sure how Doc does it. Tried to move from on freq to up a bit from time to time and give hints. Had nice QSO with Bruno VE3AFD who was running a vintage rig near the end. Band was nbasically dead here by then.

I really encourage all you Hounds to try being a Cub Fox if you are wondering whether to jump into the game. great fun and a real learning experince.

Ed Lawson
K1VP

Date: Tue, 14 Aug 2001 21:19:14 -0700
From: "Glenn Maclean" <wa7spy@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [104927] Cub Fox thanks from Glenn WA7SPY!
Message-ID: <003701c12541\$715b5f00\$6401a8c0@home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Whew! It was great to hear so many hounds across the nation tonight. Some of you stated you heard me at ESP levels. I felt the band was the best it has been in weeks tonight. I worked AK, FL, MO, MI, ND, OR, IL, WI, SK, AB, MD, CT, NM, TX, KY, OH, GA, IN, MO, MI, SC.

Not bad if I do say so myself. I think I pretty well covered the nation tonight.

Looks like about 32 pelts were given out. sorry I could not pull some of you out. I had a blast and will post my log tomorrow.

Thanks again to all you great hounds!
Glenn WA7SPY
Sacramento, CA

Date: Wed, 15 Aug 2001 00:27:05 EDT
From: ARDUJENSKI@aol.com

To: qrp-1@lehigh.edu
Subject: [104928] Trailer hitch antenna mount
Message-ID: <24.17c481b0.28ab5419@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Please forgive the CB reference at this site but thought this might have application for some of you parking lot operators--Alan KB7MBI

http://www.alfenterprises.com/Antenna_Mounting.html

Date: Tue, 14 Aug 2001 21:49:36 -0700
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [104929] RE: Trailer hitch antenna mount
Message-ID: <NEBBJCAPOLCDGKDKJPGLEEHECIAA.rmccarty@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

After you look at the last site, check out these pictures. A friend designed this for me about 4 years ago. I told him then, he should think about marketing the unit. Oh Well.

I still have the unit. I use it regularly now to mount a 1.2 meter dish for portable commercial satellite downlinks.

Roger

<http://www.rmccarty.net/images/>

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of ARDUJENSKI@aol.com
Sent: Tuesday, August 14, 2001 21:27 PM
To: Low Power Amateur Radio Discussion
Subject: Trailer hitch antenna mount

Please forgive the CB reference at this site but thought this might have application for some of you parking lot operators--Alan KB7MBI

http://www.alfenterprises.com/Antenna_Mounting.html

Date: Wed, 15 Aug 2001 01:14:34 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [104930] NVIS 80m antenna info
Message-ID: <72.e629eb3.28ab5f3a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Running Reg's DIPOLE1 for NVIS 80M ANTENNA it was interesting to note that as the antenna dropped from 10m to 3 m to 0.3 m the efficiency dropped from 80 percent to 8 percent to 0.08 percent and the resonant length dropped almost to 60 percent of the resonant length at 0.3m. So if running NVIS QRP you should be looking at a height around 10m or so. Nuff antenna stuff (grin) Alan KB7MBI

Date: Tue, 14 Aug 2001 22:16:58 -0700
From: "Glenn Maclean" <wa7spy@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [104931] Cub Fox Hunt August 14 Preliminary log WA7SPY
Message-ID: <000b01c12549\$820524a0\$6401a8c0@home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OK here is my preliminary log. Please send me corrections / fills as soon as possible.

Thanks Glenn WA7SPY

Time	Call	RST	ST/PRC	Name	Pwr
02:01	K4GT	559	GA	JIM	5W
02:04	W6YR	559	TX	GEORGE	5W
02:06	KB9YIG	559	IN	TONY	5W
02:08	K8CV	559	MI	WALT	5W
02:11	K4TJD	559	GA	TOM	5W
02:13	W0CH	559	MO	DAVE	5W
02:15	KJ0C	559	MO	JIM	5W
02:16	KD5MXF	559	TX	MIKE	5W
02:18	K0EVZ	559	ND	DOC	5W
02:20	N1TP	559	FL	TOM	5W
02:22	K4FB	559	FL	PAUL	5W

02:23	K4BYF	559	FL	JACK	5W
02:26	K5DI	559	NM	KARL	5W
02:29	KB3E0F	559	MD	ANDY	5W
02:34	KC1FB	559	CT	JIM	5W
02:37	VE1MT	559	NS	LAYTON	5W
02:44	NV4V	559	KY	PETE	5W
02:54	WV9N	559	OH	RANDY	5W
02:57	VE6EX	559	AB	DAN	5W
03:04	AG0T	559	ND	TODD	5W
03:09	N0IT	559	MO	DAVE	5W
03:17	VE6DSN??	559	TN??	FRANK	5W
03:20	KA4WET	599	SC	BOB	100W
03:24	KB7WW	559	OR	ART	5W
03:27	W9HL	559	IL	RANDY	5W
03:30	VE5RC	559	SK	BRUCE	5W
03:39	AL7FS	559	AK	JIM	5W
03:44	WU9F	559	WI	TERRY	5W
03:49	KI0II	559	CO	RON	1W
03:53	KG4FGC	549	NC	KEN	5W
03:57	VA6RF	559	AB	EARL	5W
04:00	WA7SPY	559	CA	GLENN	5W FOX

Date: Wed, 15 Aug 2001 00:34:11 -0500
 From: "George, W5YR" <w5yr@att.net>
 To: wa7spy@home.com
 Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
 Subject: [104932] Re: Cub Fox Hunt August 14 Preliminary log WA7SPY
 Message-ID: <3B7A09D3.D7BD6BA9@att.net>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=us-ascii
 Content-Transfer-Encoding: 7bit

Oops, Glenn, you moved me to CA!

02:04 W5YR 559 TX GEORGE 5W

Thanks, Glenn, and thanks for the pelt!

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
 Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
 Amateur Radio W5YR, in the 55th year and it just keeps getting better!
 Icom IC-756PRO #02121 Kachina #91900555 IC-765 #02437

Glenn Maclean wrote:

>
> OK here is my preliminary log. Please send me corrections / fills as soon
> as possible.

>
> Thanks Glenn WA7SPY

>
> Time Call RST ST/PRC Name Pwr

> 02:04 W6YR 559 TX GEORGE 5W

Date: Tue, 14 Aug 2001 23:38:39 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@LEHIGH.EDU
Subject: [104933] FOX: Notice for Thursday 8/16, N2WW
Message-ID: <3B79B67F.28728.1B9B375@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

["editor's note" As of 8/1 we can no longer refer to N2WW as "Russian Larry," because he has been denatured or some such and is now a genuine Yank. Also note, Larry's direct email address is n2ww@home.com and I WILL try at least once more to get his QRP-L subscription sorted out!]

HI,
this week, august 17 at 0200 GMT till 0400 GMT Ron W8RE on 14054 + or -
and I will be a FOX'es.

My transmit freq. 14,061.0 Please call me 0.5-2,0
kHz up first hour, then ok up and on my freq. Please call me, I'll call you
back. Need QRS ?, let me know.
Thanks to all QRP-ers for pileups.
73, de
Larry N2WW / UA6HZ

Date: Wed, 15 Aug 2001 09:35:20 +0200
From: DK3RED@t-online.de (Ingo DK3RED)
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [104934] Re: ForSale test message
Message-ID: <002d01c1255c\$da5afea0\$868e01d9@ingo>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Jim,

Greetings to Alaska.

> Is there a filter on QRP-L for this ForSale header?

No. There are many FS messages on this list. If a filter should be here,
then it functions very badly. ;o))

72 de Ingo, DK3RED (Don't forget: the fun is the power !)

eMail: dk3red@qsl.net - homepage: www.qsl.net/dk3red

Date: 15 Aug 2001 09:56:39 GMT
From: "ME" <ELBC@PIVOT.NET>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [104935] "Come visit my web site!"
Message-ID: <200108150956.f7F9udf10179@bos-dns2.tripod.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-transfer-encoding: base64

SSdWRSB1cGRhdGVkIG15IHd1YiBwYWdlIGFuZCBhZGRlZCBsb3RzIG9mIFBTSy0zMSBsaw5rcy4g
RW5qb3kuDQoNC1lvdSBjYW4gc2VlIG15IG5ldyBzaXRlIGhlcmU6ICBodHRwOi8vc2lsdmVya2Vs
dC50cm1wb2QuY29tL2tjMWRpLW0KDQpMZXQgbWUga25vdyB3aGF0IHlvdSB0aGluayENCg0KNzMs
IERhdmUgS0MxREkvL2Fsd2F5cyBxcnAvLW0KDQoNCk1aWwkiIHlvdXIgb3duIHd1YiBzaXRlIGF0
IHd3dy50cm1wb2QuY29tLg0K

Date: Wed, 15 Aug 2001 05:42:52 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: qrp-l@Lehigh.EDU, George Baker <w5yr@att.net>, Lew Paceley <lew@paceley.com>,
Richard Kapalczynski <n5ji@yahoo.com>, Dwain Lawhon <dlawhon@ix.netcom.com>,
Bill Pierrard <k5jhp@flash.net>, Don Wines <dwines@tyler.net>, Preston Buck
<pdbuck@earthlink.net>, Larry Jones <ljones@flash.net>,
Subject: [104936] NETXQRP Club Meeting

Message-ID: <3.0.2.32.20010815054252.0081bbb0@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRPLers,

The next meeting of the NETXQRP Club will be held this coming Saturday.
Interested folks are invited to attend.

Saturday
August 18, 2001
1:00 to 3:00 PM (or so)

John Y Miguel's Cafe (Tex/Mex & 'merican)
104 State Highway 205
Terrell, TX
Phone: (972) 524-1447

Directions:

Miguel's is on the west side of Terrell. It is on 205 north, near the intersection of I-80, 205, and 148. 205 goes north from I-80 toward Rockwall and 148 goes south back across I-20. Go north on 205 about 1/4 mile and it's on the right. Big place, hard to miss. It's just past a Kuick Kar lube-and-tune place and across the road is a Walmart plaza.

If you have a favorite QRP something you'd like to bring along, please do. Weather permitting we may try some portable operation either behind the restaurant or at a local park in Terrell. Come join the fun!

For more NETXQRP Club info check our website: <http://www.netxqrp.org/>

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
Zombie #759, RARA #3, Visit NETXQRP Web Site: <http://www.netxqrp.org>

Date: Wed, 15 Aug 2001 05:59:19 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: William R Colbert <w5xe@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104937] Re: Propagation Tool
Message-ID: <Pine.LNX.4.33.0108150555090.1198-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

That's right! If you hear all three dashes, you copied 100 MW into a vertical antenna in that country. I do hear DX stations calling CQ DX and often they KNOW there is propagation into Kenya and have there beams pointed that way, for example.

On Tue, 14 Aug 2001, William R Colbert wrote:

> And variable power levels down to 100mW!
>
>
>
> "Politicians are like nappies. Both should be
> changed regularly -- and for the same reason"
> "Scotsman - Scotsman's Diary 12/97"
> Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78
> fp #111 ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Wed, 15 Aug 2001 06:14:29 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "George, W5YR" <w5yr@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104938] Re: X-Beam revisited - 20M (Long) using MMANA
Message-ID: <Pine.LNX.4.33.0108150601230.1198-1000000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

It looks about right to me. 9 DBi means it's 1 DB better than a high dipole. The high dipole is kind of a standard and it has 8 DBi forward and no real F/B.

On Tue, 14 Aug 2001, George, W5YR wrote:

> Mike, why not download the free EZNEC demo and compare the results with
> your MMANA?

A better move is to get the paper Roy Lewallen, W7EL wrote called The Other Edge of the Sword, available off the www.arrl.org site. Or find the February 1991 QST. Roy explains problems with MININEC and I have read that

and expect it's all correct. I wonder if the fix for multiple media of different heights has been added to MMANA?

>
> Mike Pupeza wrote:
> >
> > Hi All;
> > This could be a bit long!
> > In trying and getting used to MMANA antenna program, I decided to run an old
> > potential Field Day Antenna as specified in the 1990 ARRL Antenna
> > Handbook!
> > I saw some info recently on this antenna, but forgot the source. However, I
> > set-up the antenna and played with it!
> > I m talking about a 20M X-Beam!
> > HEY, it blew my socks off!
> > The following parameters, sorry for the bandwidth, on 20 Meters at 23 off
> > the ground appear to give some pretty amazing results for 2 elements!
> > Over 9dBi gain with over 25dB F/B at 14.225 MHz.
> > I set it up with regular water pipe copper tubing, and #14 wire for the
> > tails.
> > Am I missing something, or, is this really as good as it looks on MMANA?
>

I don't think 9 DBi is wrong. But it's only 1 DB better than a dipole which is not much to get excited about...:-)

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Wed, 15 Aug 2001 05:32:55 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: RadioKOL@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104939] Re: YB400 vs Icom IC-R3?
Message-ID: <3B7A6BF7.4B7EB7FA@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill,

The YB400 is a well-regarded HF SWL receiver.

There is a short review of it here:

<http://www.rnw.nl/realradio/yb400.html>

The IC-R3 is focused on other uses. There is a long review of the IC-R3 at:

<http://www.strongsignals.net/htm/revr3.htm>

Here is a quote from it:

"The primary reason for buying the R3 will be its abilities in the VHF and UHF part of the spectrum. HF listening should not be one of your primary concerns."

I have not used either radio, but I believe the statement above to be right on target.

73, Phil W7OX

RadioKOL@aol.com wrote:

>
> Does anyone know how the Grundig Yacht Boy 400 compares to Icom IC-R3, with
> regards to general SWL characteristics (sensitivity, selectivity). Also,
> has anyone been successfull receiving Amateur tv with the IC-R3?
>
> Your comments would be appreciated.
>
> Bill KB9KOL

Date: Wed, 15 Aug 2001 05:34:55 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: phil@vaxxine.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104940] Re: Opinions on Netscape 6.1
Message-ID: <3B7A6C6F.D78E3914@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Phil (VA3UX)" wrote:

>
> Anyone got any good or bad experience to relate on Netscape 6.1 vs 4.76 ?
>

> Please reply directly.
>

Please reply to the list also, folks .. even though it is a bit OT: I'm (at least) facing the same decision re "upgrading".

Phil W7OX

Date: Wed, 15 Aug 2001 05:50:34 -0700
From: Bruce Grubbs <n7ceeqr@earthlink.net>
To: phil@vaxxine.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [104941] Re: Opinions on Netscape 6.1
Message-ID: <5.1.0.14.0.20010815054730.00ad2a30@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Phil,
I have a client who has had a lot of trouble with Netscape 6. Version 6.1 seems to be more stable, though not as stable as Netscape 4.76 or Internet Explorer 5.5. Personally, I had so much trouble with Netscape 6.x that I reluctantly went to IE 5.5. If you like Netscape 4.76 I would not "upgrade".

If you're looking for an alternative to IE, you might check out Opera. I liked what I saw a while back.

73,
Bruce
N7CEE

Date: Wed, 15 Aug 2001 08:56:53 -0400
From: "Jason Hisson" <jhiss1@columbus.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [104942] Fox Hunting
Message-ID: <001a01c12589\$c4e87340\$6401a8c0@columbus.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi everyone,

I am new to QRPing (although I have been on HF for about 3 years.. I guess I am still new compared to the Old Timers :-). Just finished my OHR400 and I am having a blast. I like to tell my wife that I am running enough power to

light a nightlight!

Just joined the list a couple of days ago and I was watching the Fox Hunt stuff. That sounds like a blast. I did hear a fox last night, but did not attempt to work him (I try to find out as much as I can first before jumping in). I looked over the rules and saw that Foxes happen on Thursday and Sundays, not Tuesdays. Was this a different fox hunt?

Also, what type of power do the foxes usually use?

I am getting a Kenwood TS570D(G) very soon. I have owned a 570 in the past and the DSP works well. Hopefully I will be able to pull out the FOX in the noise. Although I am having fun working EU on 5 watts on the 400, maybe I do not need it? HI!

BTW.. what does ESP stand for?

Thanks es 72/73 Forgive my "newness"

Jason Hissong

N8XE

Amateur Radio Operator, Amateur Astronomer, Musician

Pounding Brass Kicks .-
(My Elmer, N8CPA)

Date: Wed, 15 Aug 2001 09:01:08 -0400
From: John Wagner <john@wagner-usa.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104943] FOX: Foxless in VT
Message-ID: <3B7A7294.EB330888@wagner-usa.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The strangest thing happened last night; I actually heard Ed, K1VP well enough to call! That lasted about 5 minutes and then he was gone. For a few minutes there I actually thought I was gonna snag a pelt from him. Nope.

I almost worked Glenn, WA7SPY too. He was steadily weak here. I got a Q? out of him once (or at least I think I did!).

Thanks Ed and Glenn for a challenging hunt. Heard a pretty good pack of hounds shooting for you and it sounded like you were doing a great job

when you could hear 'em.

Here's looking forward to Thursday nights Fox hunt - my supply of pelts is running low!

73 de John, N1QO

--

John Wagner - john@wagner-usa.net

Web page: <http://www.neknetwork.com>

Date: Wed, 15 Aug 2001 09:01:44 -0400

From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>

To: neqrp@jonal.net, qrp-1@Lehigh.EDU

Subject: [104944] Last weeks NEQRP checkins

Message-ID: <0F41878247.7F8B799C-0N85256AA9.0047418E@and.us.ray.com>

MIME-Version: 1.0

Content-type: text/plain; charset=us-ascii

Last week was great with wonderful band conditions and many check-ins:

NA1XX	MIKE
K1CL	CHUCK
AB8DF	ED
WA10HR	Eve
AB2KT	Frank
K1RC	John
W1KRT	Ken
W1CFI	Tom
KA2SWE	Frank
KC1FB	Jim

Ron - N1ZSW net control

Date: Wed, 15 Aug 2001 09:07:16 -0400

From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>

To: neqrp@jonal.net, qrp-1@Lehigh.EDU

Subject: [104945] NEQRP SSB NET start time

Message-ID: <0FBB39B64C.6939BB24-0N85256AA9.0047DD07@and.us.ray.com>

MIME-Version: 1.0

Content-type: text/plain; charset=us-ascii

I want to take a poll now that the net has been ongoing

for many months. Do you feel the time is OK or would it be better later in the evening?

R0n - N1ZSW

Date: Wed, 15 Aug 2001 09:15:50 -0400
From: John Wagner <john@wagner-usa.net>
To: jhisson1@columbus.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104946] Re: Fox Hunting
Message-ID: <3B7A7606.E2A653AB@wagner-usa.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Jason,

Nice to have hooked another hound - would be great to have you join us.

The summer hunts take place on Tuesday and Thursday. Tuesdays hunt is called the "Cub" hunt - it is a slow speed hunt, with the Fox running 10-13WPM CW. The Thurs hunt is also known as the "regular" hunt and the Fox runs as fast as they possibly can! There are two Foxii in each hunt.

The two official web sites for the Summer hunts are:

Cub Fox: <http://www.wulfden.org/SummerCubFox/>
Regular Fox: <http://www.cqc.org/sfox/>

Watch this list (QRP-L) for the Fox announcements (should be two announcements today) - this will tell you which fox is going to be on what freq. Pay particular attention to how the fox works a "split."

GL es hope to hear you in the field tomorrow!

73 de John, N1Q0

Jason Hissong wrote:

>
> Hi everyone,
>
> I am new to QRPing (although I have been on HF for about 3 years.. I guess I
> am still new compared to the Old Timers :-)) Just finished my OHR400 and I
> am having a blast. I like to tell my wife that I am running enough power to
> light a nightlight!

>
> Just joined the list a couple of days ago and I was watching the Fox Hunt
> stuff. That sounds like a blast. I did hear a fox last night, but did not
> attempt to work him (I try to find out as much as I can first before jumping
> in). I looked over the rules and saw that Foxes happen on Thursday and
> Sundays, not Tuesdays. Was this a different fox hunt?
>
> Also, what type of power do the foxes usually use?
>
> I am getting a Kenwood TS570D(G) very soon. I have owned a 570 in the past
> and the DSP works well. Hopefully I will be able to pull out the FOX in the
> noise. Although I am having fun working EU on 5 watts on the 400, maybe I
> do not need it? HI!
>
> BTW.. what does ESP stand for?
>
> Thanks es 72/73 Forgive my "newness"
>
> Jason Hissong
> N8XE
> Amateur Radio Operator, Amateur Astronomer, Musician
>
> Pounding Brass Kicks .-
> (My Elmer, N8CPA)

--
John Wagner - john@wagner-usa.net
Web page: <http://www.neknetwork.com>

Date: Wed, 15 Aug 2001 09:22:19 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <Ronald_A_Pfeiffer@raytheon.com>, "Low Power Amateur Radio Discussion" <qrp-
l@lehigh.edu>
Subject: [104947] Re: NEQRP SSB NET start time
Message-ID: <006801c1258d\$bbdb1c40\$6b01a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Me personally, I would prefer a bit later in the evening. But ONLY
because I have a commitment on tuesdays to Boy Scouts from 7:00
to 8:30.

Mike

> I want to take a poll now that the net has been ongoing
> for many months. Do you feel the time is OK or would
> it be better later in the evening?
>
> R0n - N1ZSW

Date: Wed, 15 Aug 2001 09:27:35 -0400
From: John Wagner <john@wagner-usa.net>
To: wa7spy@home.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104948] Re: Cub Fox thanks from Glenn WA7SPY!
Message-ID: <3B7A78C7.C651A301@wagner-usa.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Glenn Maclean wrote:

>
> Thanks again to all you great hounds!

Thanks to all the great Foxii! You guys are doing a great job and I appreciate it. I sometimes get so busy that I can't get on the air during the week - but I *always-always-always* make time for the Fox hunts!

73 de John, N1Q0

> Glenn WA7SPY
> Sacramento, CA

--
John Wagner - john@wagner-usa.net
Web page: <http://www.neknetwork.com>

Date: Wed, 15 Aug 2001 09:31:25 -0400 (EDT)
From: Frank Brickley <brickley@pobox.com>
To: Ronald A Pfeiffer <Ronald_A_Pfeiffer@raytheon.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104949] Re: NEQRP SSB NET start time
Message-ID: <Pine.BSI.4.05L.10108150928480.11172-100000@pluto.njcc.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Do you feel the time is OK or would it be better later in the evening?

Later. Last night was pretty typical -- wasn't free till around 8.

Thanks, Ron.

Frank
AB2KT

Date: Wed, 15 Aug 2001 06:45:11 -0700 (PDT)
From: Brad Mitchell <n8yg@yahoo.com>
To: Ronald_A_Pfeiffer@raytheon.com, Low Power Amateur Radio Discussion <qrp-
l@Lehigh.EDU>
Subject: [104950] Re: NEQRP SSB NET start time
Message-ID: <20010815134511.64377.qmail@web14708.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

What freq is this net on?

I wouldn't mind firing up the epiphyte on occasion if
there is a net.

73 Brad
N8YG

--- Ronald A Pfeiffer <Ronald_A_Pfeiffer@raytheon.com>
wrote:
> I want to take a poll now that the net has been
> ongoing
> for many months. Do you feel the time is OK or
> would
> it be better later in the evening?
>
> Ron - N1ZSW
>

Do You Yahoo!?
Make international calls for as low as \$.04/minute with Yahoo! Messenger
<http://phonecard.yahoo.com/>

Date: Wed, 15 Aug 2001 07:55:36 -0600

From: "Rod Cerkoney, NØRC" <rod@n0rc.com>
To: <jhisson1@columbus.rr.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [104951] Re: Fox Hunting
Message-ID: <006f01c12591\$f66dc840\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jason.

----- Original Message -----

From: "Jason Hissong" <jhisson1@columbus.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, August 15, 2001 6:56 AM
Subject: Fox Hunting> BTW.. what does ESP stand for?

...
> BTW.. what does ESP stand for?
...

Extra Sensory Perception, the classical meaning.

Applied to Fox hunting and radio use, It is almost the exact opposite of a 599 signal report.

009 < RST < 119

73, Rod NØRC
Ft Collins, CO

Date: Wed, 15 Aug 2001 09:57:00 -0400
From: Haines Brown <brownh@hartford-hwp.com>
To: n7ceeqrp@earthlink.net
Cc: qrp-1@Lehigh.EDU
Subject: [104952] Re: Opinions on Netscape 6.1
Message-ID: <200108151357.f7FDv0E11498@hartford-hwp.com>

Phil, Bruce suggests you consider Opera. Went that way about a year ago and never looked back. It is a fast and stable application, with a lot of nice features. Give it a try.

I'm an old Netscape user who looked foward to the the re-write, but the history of that endeavor explains the disappointing

outcome. Sadly, the early Netscape 2, was by far the best. I run Mozilla only because I need to see what web pages look like on different browsers.

Haines KB1GRM

Date: Wed, 15 Aug 2001 10:13:26 -0400
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [104953] Locating a MC2830 IC
Message-ID: <20010815.101340.-469721.1.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I'm probably well-certified as bonkers, so this should come as no surprise to youze:

I'm looking for a source for at least two each of the Motorola voice-activated switch IC MC2830.

It's listed as no longer available & the documentation says it ain't out there to experiment with, but I'd like to think that somewhere on this wired planet of the clocks somebody still has 'em or has been makin' copies of 'em for nutzos like me.

Any hints?

73

Nils

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes
Sonrientes
W8IJN -- <http://www.geocities.com/nilsbull/w8ijn>
In my day you had to FIGHT to have digits! Every DAY was a STRUGGLE!
--- Comrade Nikolai Sergeevich McTovarishov

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 15 Aug 2001 10:47:33 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: <n4so@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [104954] Re: Extra Parts
Message-ID: <1010715104734.KAA22619@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 8/5/01 11:08 AM, Ken Brown at n4so@juno.com wrote:

>#4 metric flat washers

I'd really like to know what a "metric" flat washer is... <grin>

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Wed, 15 Aug 2001 08:57:27 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [104955] More on beacons
Message-ID: <Pine.LNX.4.33.0108150846240.7014-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Here is the dope you need to KNOW band conditions. I was wrong, the beacons are on all the time. The format is simple, they transmit the callsign then send 3 dashes. The first is 100 the second at 10 watts and the third is at 0.1 watts. The cw is at 22 wpm. They send there call fast.

They transmit on 14.100, 18.110, 21.150, 24.930, and 28.200 MHz and do so sequentially. This morning on 14.100 I hear YV5B and then 4U1UN but not VE8AT or any others. There are 4 beacons off the air today out of 18 total beacons.

I'm going to monitor 28.2 with my beam northeast this morning and see if 10 opens up.

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Wed, 15 Aug 2001 11:13:54 -0400
From: "Kwik, Ed " <ed.kwik@delphiauto.com>
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [104956] QRP AFIELD
Message-ID:
<9F176F70FD71AC48AFC36F879D2B84E32C3AB3@tryexch01.NorthAmerica.DelphiAuto.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Is there a QRP Afield contest scheduled this year?

Ed AB8DF

Date: Wed, 15 Aug 2001 11:37:02 -0400
From: Pete Burbank <plburbank@kih.net>
To: qrp-l@lehigh.edu
Subject: [104957] Fwd: ARLB033 FCC Invites Comments on ARRL's 60-Meter Petition
Message-ID: <5.0.2.1.0.20010815112445.00aa21e0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,
Read this proposal and then imagine all these modes at the legal limit in
a 150 kc segment.....YOW!!
I can see allowing such power for emergency operation but not on a daily
basis.
73 Pete NV4V

>>: "ARRL Web site" <memberlist@www.arrl.org>
>>Date: Tue, 14 Aug 2001 15:18:26 EDT
>>CC: Subscribed ARRL Members: ;
>>
>>SB QST @ ARL \$ARLB033
>>ARLB033 FCC Invites Comments on ARRL's 60-Meter Petition
>>
>>ZCZC AG33
>>QST de W1AW
>>ARRL Bulletin 33 ARLB033

>> From ARRL Headquarters
>>Newington CT August 14, 2001
>>To all radio amateurs
>>
>>SB QST ARL ARLB033
>>ARLB033 FCC Invites Comments on ARRL's 60-Meter Petition
>>
>>The FCC has begun accepting comments on the ARRL's petition seeking
>>the allocation of 5.250 to 5.400 MHz to the Amateur Service on a
>>domestic (US-only), secondary basis. The Commission put the proposal
>>on public notice this week and assigned a rulemaking number,
>>RM-10209, to the proceeding.
>>
>>Interested parties may comment on the proposal via the Internet or
>>e-mail using the FCC's Electronic Comment Filing System (ECFS),
>>information on which can be found at
>><http://www.fcc.gov/e-file/ecfs.html> . Those commenting should
>>reference 'RM-10209' in their postings. Even if the FCC eventually
>>okays the petition, it's likely to be several years before the new
>>band actually becomes available.
>>
>>In its petition, the ARRL told the FCC that the new band would aid
>>emergency communication activities by filling a 'propagation gap'
>>between 80 and 40 meters, particularly for emergency communications
>>during hurricanes and severe weather emergencies. The ARRL also said
>>a new 150-kHz allocation at 5 MHz also could relieve substantial
>>overcrowding that periodically occurs on 80 and 40.
>>
>>The ARRL has proposed that General class and higher amateurs be
>>permitted to operate CW, phone, data, image and RTTY on the new band
>>running maximum authorized power. No mode-specific subbands were
>>proposed. If allocated to the Amateur Service on a secondary basis,
>>hams would have to avoid interfering with--and accept interference
>>from--current occupants of the spectrum, as they already do on 30
>>meters.
>>
>>The ARRL said that its successful WA2XSY experimental operation
>>between 1999 and this year demonstrates that amateur stations can
>>coexist with current users and that the band is very suitable for
>>US-to-Caribbean paths.
>>NNNN
>>/EX
>

Date: Wed, 15 Aug 2001 09:39:56 -0600
From: "Carlos Caro" <cjcaro35@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [104958] Re: Extra Parts
Message-ID: <F137Dt3HvoFOAmEaJsw00008543@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Bill,

That may be a flat washer that is .8mm thick instead of 1/32" thick.

: -), :-)

Carlos #1333

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Wed, 15 Aug 2001 11:46:38 -0400
From: "Mark J. Dulcey" <mark@buttery.org>
To: ed.kwik@delphiauto.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, neqrp@jona1.net
Subject: [104959] Re: QRP AFIELD
Message-ID: <3B7A995E.1080304@buttery.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Kwik, Ed wrote:

> Is there a QRP Afield contest scheduled this year?

Disclaimer: this is an UNOFFICIAL post based on my memory of the discussion at the recent NEQRP meeting. As always, the official rules, when they become available, should be used as your source of information.

Yes, there will be a contest, on the weekend of September 15-16. The final version is being worked on, and will be available soon at the NEQRP web site: <http://www.qsl.net/wq1rp/>

Basically, the rules that were discussed (not much different from last year) will be something like this:

1. Operate 8 hours of the contest period. (I believe this will be 1800Z Saturday to 1800Z Sunday, as in past years.)
2. Use any bands except 10/18/24 MHz. Call on or near the usual QRP frequencies. There was debate about limiting it to HF bands, but the ultimate decision was not to. Nobody really expects to see much activity on VHF and higher bands, but if you want to try, feel free.
3. Contact stations once per band per mode (CW/voice/digital). There was debate about how to prevent stations from making voice contacts, and then operating CW and/or digital on the same frequency to score the additional QSO points; there may be some rule addressing this in the rules when they come out. Most contest activity will probably be CW.
4. Score = number of QSOs.
5. One signal on the air at a time. (In other words, multi/single is OK, but no multi/multi stations.)
6. Use QRP. There was a debate, unsettled at the meeting, whether to use the QRP ARCI definition of SSB QRP (10W PEP) or the ARRL definition (5W PEP).
7. The exchange is RST, S/P/C, name.
8. There will be home and portable categories. The 500' rule used last year will probably be gone; there will be a new rule requiring that portable stations not use any permanent station facilities. So a backyard portable will be OK this year - but it would have to run on batteries and use portable antennas erected for the occasion, not the regular station antennas.
9. There will probably not be a Sunday bonus period this year.
10. There was discussion about some sort of 15 minute rule on band switching; the consensus seemed to be not to bother. There was slightly stronger sentiment in favor of a rule requiring operating time to be counted in 15 minute or one hour blocks, but ultimately people seemed against complicating the rules that way.

Mark Dulcey KE1L

Date: Wed, 15 Aug 2001 11:52:51 -0400
From: Haines Brown <brownh@hartford-hwp.com>
To: aa4lr@arrl.net
Cc: qrp-1@Lehigh.EDU
Subject: [104960] Re: Extra Parts
Message-ID: <200108151552.f7FFqpw11742@hartford-hwp.com>

> >#4 metric flat washers
>
> I'd really like to know what a "metric" flat washer is... <grin>

I assume a washer to fit the #4 metric screw. If you are doubtful, I could show you a #3 metric washer.

Seriously, I'm often in need of metric screws, nuts and washers in these sizes. Anyone know of a source?

Haines KB1GRM

Date: Wed, 15 Aug 2001 09:20:52 -0700
From: "Phinizy, William" <wphinizy@filenet.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [104961] QRP Forum at the SW Division ARRL Convention
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B772D6@hq-expo2.filenet.com>

Guys:

I have been asked by several who will be attending about the lodging situation around the Riverside Convention Center. There are no block of rooms for QRPers, per se. The convention registration information on the internet contains hotel information.

<http://www.qsl.net/arrl-2001swdc/registrationform.html>.

There are four hotels listed and a trailer park. All of the hotels are excruciatingly close to the Riverside Convention Center. The Holiday Inn is right across a pedestrian plaza from the center where the convention will be held and the Mission Inn -- an historic and very beautiful (and commensurately pricey) site -- is equally close. Currently, the Holiday Inn is offering an \$89 rate (normally \$119) for those attending the convention -- so be sure you mention that when making a reservation. That rate extends to the 20th of this month and then reverts to the \$119.

Similarly, if you register for the convention before August 20th, you save \$2.50 over the door price and you will receive a pin. But hurry, because the

pin offer is only good while supplies last and they are going fast.

Finally, be sure you send Jerry Parker an e-mail and tell him you are coming to the QRP forum so that he can make a badge for you. His e-mail address is jparker@fix.net.

I look forward to seeing you there.

72,

Bill, K6whp

Date: Wed, 15 Aug 2001 12:33:45 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <brownh@hartford-hwp.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [104962] Re: Extra Parts
Message-ID: <001101c125a8\$10cd2da0\$6b01a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Haines Brown <brownh@hartford-hwp.com>

> I assume a washer to fit the #4 metric screw. If you are doubtful, I
> could show you a #3 metric washer.
>
> Seriously, I'm often in need of metric screws, nuts and washers in
> these sizes. Anyone know of a source?
>
> Haines KB1GRM

Actually...

My local hardware store has a 'metric' section. The selection isn't THAT great, but then, it's not too bad either. I've gone in with a metric spec and found what I needed. It was kind of off by itself after the specialty things like the wing-nuts.

Now that I've had to look for metric, I find that there's usually a metric section almost everywhere, but it's not always obvious. And unfortunately, it doesn't always go down to the 'small stuff'.

Mike

Date: Wed, 15 Aug 2001 11:46:11 -0500 (EST)
From: <igeq100@iupui.edu>
To: Haines Brown <brownh@hartford-hwp.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104963] Re: Extra Parts
Message-ID: <Pine.GS0.3.96.1010815114455.1497A-1000000@jade.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Haines -

Two excellent sources are www.smallparts.com and www.mcmaster.com
Both are good people to deal with.

72,
Richard Meiss, WB9LPU

On Wed, 15 Aug 2001, Haines Brown wrote:

> > >#4 metric flat washers
> >
> > I'd really like to know what a "metric" flat washer is... <grin>
>
> I assume a washer to fit the #4 metric screw. If you are doubtful, I
> could show you a #3 metric washer.
>
> Seriously, I'm often in need of metric screws, nuts and washers in
> these sizes. Anyone know of a source?
>
> Haines KB1GRM
>
>

Date: Wed, 15 Aug 2001 12:54:18 -0400
From: Hugo <hugo@optonline.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104964] K8FF paddles' thumb screws ?

Message-ID: <007c01c125aa\$ec882d20\$7dd82c18@hugocatt>

MIME-version: 1.0

Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: 7BIT

Hi,

Any idea where could I find these screws ?

I broke one of them and regular 4-40 hardware do not look good.

TIA

72

Hugo

AA1XV

Date: Wed, 15 Aug 2001 13:12:06 -0400

From: Ron Majewski <majewski@erim-int.com>

To: qrp-l <qrp-l@lehigh.edu>

Subject: [104965] FOX: Hunt Announcement, W8RU-N2WW on Thursday 8/16 (local)

Message-ID: <3B7AAD66.562C2612@erim-int.com>

MIME-version: 1.0

Content-type: text/plain; charset=us-ascii

Content-transfer-encoding: 7bit

Hi All,

It's time for another hunt -- are you ready to give chase?

In UTC, the hunt will take place on Friday, 17 August at 0200utc. This is Thursday evening local time in the USA (10pm EDT).

I am planning on running around 14.054, depending of course upon established activity. Don't count this operating window as a given, though. After all, this is a Fox hunt. I will be running 5 watts to a 2 element yagi at 70 feet and another 2 element yagi around 25ft. The low yagi seems to do well into New England. I plan on rotating the antennas around to give all directions a listen. I will definitely be using my RIT and will be tuning plus and minus 1 kHz from my transmit frequency.

Sometimes the pileup gets too thick for me to pull out a call. If you hear me send a "?" I am still searching for a callsign so please send your call again once. Staggering your calls a bit is also a good strategy. 90% of the pack will send their calls at once and then there is a relative clearing for a few seconds. :)

Good luck and good hunting to you all.

72/3,

Ron (W8RU).

Date: Wed, 15 Aug 2001 12:14:59 -0500
From: "Rob Matherly" <kc0bom@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [104966] Re: More on beacons
Message-ID: <008b01c125ad\$d23149e0\$5211a541@intern01>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A neat program to aid with the beacons is DX Monitor. Not sure of the website, but if you do a search, you should find it. If your computer's clock is correct, you can bring up a map that shows the callsign of the beacon station at it's general location in the world at the time when it is transmitting. Great for those of us stuck at a measly 15wpm :-)

72/73

Rob, kc0bom

----- Original Message -----

>
> Here is the dope you need to KNOW band conditions. I was wrong,
> the beacons are on all the time. The format is simple, they transmit the
> callsign then send 3 dashes. The first is 100 the second at 10 watts and
> the third is at 0.1 watts. The cw is at 22 wpm. They send there call fast.
>
> They transmit on 14.100, 18.110, 21.150, 24.930, and 28.200 MHz
> and do so sequentially. This morning on 14.100 I hear YV5B and then 4U1UN
> but not VE8AT or any others. There are 4 beacons off the air today out of
> 18 total beacons.
>
> I'm going to monitor 28.2 with my beam northeast this morning and
> see if 10 opens up.
>
> --
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

=====

FPQrp #330; Qrp-L #2346; Live-Wire #442; ICQ #114690148

=====

I hate Jeff Gordon and the New York Yankees and I'm proud of it!

=====

Visit my ham radio / Mystery Science Theater 3000 website!

<http://www.geocities.com/kc0bom>

Go see it today!

=====

Are you a ham near the Lake Rathbun Iowa area? Join the club!

<http://clubs.yahoo.com/clubs/rathbunareahams>

=====

Use Drake ham radio equipment? Check out my group!

<http://groups.yahoo.com/group/drake-radio-operators>

=====

Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 15 Aug 2001 17:25:19 +0000

From: "Leon Heller" <leon_heller@hotmail.com>

To: brownh@hartford-hwp.com, qrp-1@Lehigh.EDU

Subject: [104967] Re: Extra Parts

Message-ID: <F97SSPWQmW02Isk0uN900009cbc@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

> > >#4 metric flat washers

> >

> > I'd really like to know what a "metric" flat washer is... <grin>

>

>I assume a washer to fit the #4 metric screw. If you are doubtful, I

>could show you a #3 metric washer.

M4 is the correct designation, for a washer to fit a 4 mm metric thread.

>

>Seriously, I'm often in need of metric screws, nuts and washers in

>these sizes. Anyone know of a source?

Move to Europe! Metric hardware is universal over here. 8-)

73, Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller
My low-cost Altera Flex design kit: <http://www.leonheller.com>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Wed, 15 Aug 2001 13:31:57 -0400
From: Gary Halpern <gary.halpern@sympatico.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104968] 75 to 52 ohms
Message-ID: <3B7AB20D.C338CFFB@sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I wish to use my cable wiring (75 ohms) to receive and transmit (less than 5 watts) and attach a Lan to (not necessarily at the same time). As such, I need to convert 50 ohms to 75 and vice versa.

Does anyone have plans, a URL or guidance regarding constructing this type of impedance matching transformer?

Gary
VA3GH

Date: Wed, 15 Aug 2001 13:46:07 -0400
From: Pete Burbank <plburbank@kih.net>
To: gary.halpern@sympatico.ca, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [104969] Re: 75 to 52 ohms
Message-ID: <5.0.2.1.0.20010815134237.00ac9010@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 01:31 PM 8/15/2001 -0400, Gary Halpern wrote:
>I wish to use my cable wiring (75 ohms) to receive and transmit (less
>than 5 watts) and attach a Lan to (not necessarily at the same time).
>As such, I need to convert 50 ohms to 75 and vice versa.

Gary,

You might not have to use a transformer. My rig doesn't seem to mind 70 ohm line altho I'm sure the power meter reads low.

Try it.

73 Pete NV4V

Date: Wed, 15 Aug 2001 12:52:43 -0500
From: "George, W5YR" <w5yr@att.net>
To: gary.halpern@sympatico.ca
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104970] Re: 75 to 52 ohms
Message-ID: <3B7AB6EB.9E05C4E3@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gary, I wouldn't give it a second thought.

In a perfect world, the 75 ohm cable would only give you an SWR of 1.5:1 if things are done right at the antenna end. If not, you will have to tune the line anyway, and its Z_0 then becomes relatively unimportant other than from a loss standpoint.

If this line runs all over a large house or building, there might be some concern over losses, but I would try it first before giving it a lot of worry. And the 75-ohm line may not actually be 75-ohm line at all . . .

One thing to check is that when you use it for r-f purposes make sure that **all** aspects of the LAN are physically removed from the cable: terminators, t-connectors, etc. Just to be sure . . .

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Gary Halpern wrote:

>

> I wish to use my cable wiring (75 ohms) to receive and transmit (less
> than 5 watts) and attach a Lan to (not necessarily at the same time).

> As such, I need to convert 50 ohms to 75 and vice versa.

>

> Does anyone have plans, a URL or guidance regarding constructing this
> type of impedance matching transformer?

Date: Wed, 15 Aug 2001 13:58:52 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <gary.halpern@sympatico.ca>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [104971] Re: 75 to 52 ohms
Message-ID: <004f01c125b4\$07affe80\$6b01a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For a single frequency, you can make a 'stub' to transform the apparent impedance. Or there's a 'sleeve' method for doing this.

But... I think you'll find that any kind of 'transformer' you devise will not, in any practical sense, work much better than just going with the 1.5:1 SWR you'd get if you just hooked up direct for the radio. Besides, if your antenna is a dipole, it's probably closer to 75 ohm than 50 in the first case.

As to the network... If you are using cards with 'thin-net' and you have to use external terminators, just get some 75ohm terminators and use the cable 'as-is'. Most cards probably will work just fine in the 'point to point' wiring scheme where you just put a 'T' on each card and each end is 'terminated'.

If you're trying to use a 'star' topology like 'arc-net' did, then if you have any 'passive' hubs, you'll probably have to change resistors unless all the runs are very short. (I did this once with Ethernet. Mainly to get away from running two 'coax' to each of the kids rooms in the house. I made up a '5-way' passive hub and used 50ohm cable. Worked ok, but with a 5-way the signals were reduced and I only ran short runs. (My computer room was 'in the basement' under one of the kids rooms and my longest run from the hub was maybe 15 feet.))

How you would do this makes a BIG difference if you just needed to go between two machines or if you were running 3 or more...

Mike

----- Original Message -----

From: Gary Halpern <gary.halpern@sympatico.ca>

> I wish to use my cable wiring (75 ohms) to receive and transmit (less
> than 5 watts) and attach a Lan to (not necessarily at the same time).
> As such, I need to convert 50 ohms to 75 and vice versa.
>
> Does anyone have plans, a URL or guidance regarding constructing this
> type of impedance matching transformer?
>
> Gary
> VA3GH

Date: Wed, 15 Aug 2001 14:07:16 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [104972] EZNEC comparison
Message-ID: <e.111ca083.28ac1454@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

A question was raised about Reg's simple program accuracy. I have had a chance to compare a lot of calculations with some actual data but it would be nice to check with EZNEC. Here are the results from ENDFED program for an INVERTED-L:

H=10.6m
L=10.6m
wire 1mm

12 radials
5m
wire 1mm

ground considered average (R=100 K=12)

RESULTS

Freq / Radiating efficiency / R and jX

7040	90	2849/48
14060	92	1277/25
21060	92	1110/99

10106	88	226/-116
18080	88	258/72
24900	87	259/29

(looks like best fed with 450 or 300 ohm line)

It would be interesting to see if someone could compare EZNEC values. This appears to be a good setup according to this program

Alan KB7MBI

Date: Wed, 15 Aug 2001 14:09:36 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [104973] 75 ohm matching line
Message-ID: <bf.12616300.28ac14e0@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

When using a 1/4wl section of 75 ohm line for matching can this be coiled up or does it need to be fairly straight. Alan KB7MBI

Date: 15 Aug 2001 15:21:34 EDT
From: Edwin Lappi <ae4ec@usa.net>
To: qrp-1@Lehigh.EDU
Subject: [104974] Radio Shack Model 102 computer for sale
Message-ID: <20010815192134.19499.qmail@awcst094.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

I have a Radio Shack Model 102 portable computer for sale. It has the Max memory, Manual, wall wart power supply, and some misc communications cables plus soft cover case. Any offers over \$75 accepted. Please contact=

me direct.
Ed, AE4EC

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Wed, 15 Aug 2001 12:30:10 -0700
From: "Dave Fifield" <dave@redhotradio.com>
To: <k5di@zianet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [104975] Re: X-Beam revisited - 20M (Long) using MMANA
Message-ID: <002d01c125c0\$b7146440\$0200a8c0@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Karl,

Please help me understand this. I was always led to believe (like in the Amateur Extra manual) that a dipole had a gain of 2.1dBi. How come you have a number of 8dBi?

Thanks,
Dave Fifield, AD6A

----- Original Message -----

From: "Karl F. Larsen" <k5di@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, August 15, 2001 5:14 AM
Subject: Re: X-Beam revisited - 20M (Long) using MMANA

>
> It looks about right to me. 9 DBi means it's 1 DB better than a
> high dipole. The high dipole is kind of a standard and it has 8 DBi
> forward and no real F/B.
(snip)

Date: Wed, 15 Aug 2001 20:40:18 +0100 (BST)
From: J.Bennett@lboro.ac.uk
To: qrp-l@lehigh.edu
Subject: [104976] Re: ARLB033 FCC Invites Comments on ARRL's 60-Meter Petition
Message-ID: <997904418.3b7ad02230c1a@staff-webmail.lboro.ac.uk>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 8bit

Yeah, that's quite a prospect guys, just imagine the same circumstances on 40 Metres with only a 100khz wide band for all modes. That's what we have here in

Europe with a territory similar in size to the US.

It's not hard to imagine the kind of equipment performance required to work under those conditions. How fortunate you are chaps, spare a thought!

72,

Jack
G3PVG
GQRP, ARCI, NORCAL

Date: Wed, 15 Aug 2001 15:45:33 -0400
From: "Pastor-KC1DI" <elbc@pivot.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [104977] WTB: 80m PSK-80 Warbler
Message-ID: <00bc01c125c2\$dc762d20\$2171ccd8@elbc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi ,
I'm Looking for a Warbler 80m PSK Transceiver
Thanks,
Dave KC1DI/qrp

Date: Wed, 15 Aug 2001 16:30:06 -0400
From: "Charles Mabbott" <crmabbott@mediaone.net>
To: <plburbank@kih.net>, "QRP-Post" <qrp-1@Lehigh.EDU>
Subject: [104978] RE: 75 to 52 ohms
Message-ID: <GAECLOGOMILPLBGKKPEGGEFJCLAA.crmabbott@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Pete,
The first antenna I put up [Attic Antler] was done using 75 Ohm cable. Based on the HW 8 book it showed 75 Ohm cable also. I had a whole bunch of folks tell me it was not right, but my tuner and HW 8 [3.5 watts] being unaware of scientific truths, worked anyway.

Made lots of contacts with this setup for a couple of years.
Got a good deal on 50 Ohm [< 20 bucks, 75 was free]
and I changed. I would have no problem going back to
75 is sufficient length [free] is found when time to
replace existing.....

=====

Chuck Mabbott
AA8VS
42 19' 52" N 83 28' 32" W
Grid Square EN82gh
Home Page: <http://aa8vs.dhs.org/aa8vs>
FP-113 MI-QRP#1212 Firebirds #2117 SOC #445

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On
Behalf Of
Pete Burbank
Sent: Wednesday, August 15, 2001 1:46 PM
To: Low Power Amateur Radio Discussion
Subject: Re: 75 to 52 ohms

At 01:31 PM 8/15/2001 -0400, Gary Halpern wrote:
>I wish to use my cable wiring (75 ohms) to receive and transmit
(less
>than 5 watts) and attach a Lan to (not necessarily at the same
time).
>As such, I need to convert 50 ohms to 75 and vice versa.
Gary,
You might not have to use a transformer. My rig doesn't seem to
mind
70 ohm line altho I'm sure the power meter reads low.
Try it.
73 Pete NV4V

Date: Wed, 15 Aug 2001 14:41:09 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Dave Fifield <dave@redhotradio.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104979] Re: X-Beam revisited - 20M (Long) using MMANA
Message-ID: <Pine.LNX.4.33.0108151436050.1303-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Dave, I got 8 DBi from the antenna model program yesterday. MMANA by name and to be honest I always measured antenna from a dipole, not the isotropic gadget. Will look it up. As a VE I have found a lot in the questions that are wrong. But this may not be of course. If 2.1 DBi is correct then MMANA has a real problem.

So does that antenna the X-beam. I will never believe it has 7 DB gain over a dipole...:-)

On Wed, 15 Aug 2001, Dave Fifield wrote:

```
> Hi Karl,
>
> Please help me understand this. I was always led to believe (like in
> the Amateur Extra manual) that a dipole had a gain of 2.1dBi.
> How come you have a number of 8dBi?
>
> Thanks,
> Dave Fifield, AD6A
>
> ----- Original Message -----
> From: "Karl F. Larsen" <k5di@zianet.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Wednesday, August 15, 2001 5:14 AM
> Subject: Re: X-Beam revisited - 20M (Long) using MMANA
>
>
> >
> > It looks about right to me. 9 DBi means it's 1 DB better than a
> > high dipole. The high dipole is kind of a standard and it has 8 DBi
> > forward and no real F/B.
> (snip)
>
>
>
```

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Wed, 15 Aug 2001 16:35:59 -0400
From: "Charles Mabbott" <crmabbott@mediaone.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, "Fpqrp Groups" <fpqrp-1@mpna.com>
Cc: <rmccarty@earthlink.net>
Subject: [104980] Trailer hitch antenna mount
Message-ID: <GAECLOGOMILPLBGKKPEGOEFJCLAA.crmabbott@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Roger,
That is an impressive mount, would be great for
field day, portable emergency work, or just
real handy [as we MI say] when you go up north!!

Bet it is a real bummer with the low overpasses
HI HI

73

=====

Chuck Mabbott
AA8VS
42 19' 52" N 83 28' 32" W
Grid Square EN82gh
Home Page: <http://aa8vs.dhs.org/aa8vs>
FP-113 MI-QRP#1212 Firebirds #2117 SOC #445

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On
Behalf Of
Roger A. McCarty
Sent: Wednesday, August 15, 2001 12:50 AM
To: Low Power Amateur Radio Discussion
Subject: RE: Trailer hitch antenna mount

After you look at the last site, check out these pictures. A
friend designed
this for me about 4 years ago. I told him then, he should think
about
marketing the unit. Oh Well.

I still have the unit. I use it regularly now to mount a 1.2 meter
dish for
portable commercial satellite downlinks.

Roger

<http://www.rmccarty.net/images/>

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On
Behalf Of
ARDUJENSKI@aol.com
Sent: Tuesday, August 14, 2001 21:27 PM
To: Low Power Amateur Radio Discussion
Subject: Trailer hitch antenna mount

Please forgive the CB reference at this site but thought this
might have
application for some of you parking lot operators--Alan KB7MBI

http://www.alfenterprises.com/Antenna_Mounting.html

Date: Wed, 15 Aug 2001 16:29:47 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: J.Bennett@lboro.ac.uk
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [104981] Re: ARLB033 FCC Invites Comments on ARRL's 60-Meter Petition
Message-ID: <3B7ADBBA.736EC185@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Isn't that what 40 meters is now in Northern Europe? It used to be.

>

> Yeah, that's quite a prospect guys, just imagine the same circumstances on 40
> Metres with only a 100khz wide band for all modes. That's what we have here in
> Europe with a territory similar in size to the US.

>

Seemed like I didn't have any trouble when I was there in 1980.

73

Date: Wed, 15 Aug 2001 16:08:57 -0500
From: "Glenn Butzlaff" <gbutzlaff@wi.rr.com>
To: <qrp-l@lehigh.edu>
Subject: [104982] Re: FOX: Cub foxii please hear me!
Message-ID: <009901c125ce\$7fb5dc00\$d3bf1d41@wi.rr.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: KC1FB <kc1fb@optonline.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, August 14, 2001 10:02 PM
Subject: Re: FOX: Cub foxii please hear me!

> Amen,
>
> They were/are both whispers especially ED who is too close...finally after
> many repeats got him with my low horizontal loop.
>
> These are more challenging because I think the foxes are using marginal
> (normal) antlers.
>
> Jim Francoeur KC1FB QRP-L #29
> Member of The New England Hunt Club
> Norwalk, CT

I heard Jim, KC1FB working K1VP and have to say that he really worked for that
pelt! I almost didn't think they were going to make
the exchange. I didn't hear WA7SPY at all but then my 12ft high dipole probably
doesn't enhance my operating.

Glenn Butzlaff, WE9K
Cudahy, WI

Date: Wed, 15 Aug 2001 14:16:36 -0700
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104983] Re: X-Beam revisited - 20M (Long) using MMANA
Message-ID: <20010815141636.A26239@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Karl (and Dave),

2.1 dBi is correct for free-space. In the real world, there is a

ground reflection, which will typically give a 6 dB increase in peak gain for a dipole at an elevation $\sim 1/2$ wavelength above ground.

There are technically valid reasons for using an isotropic reference and also for using a dipole reference. The numbers do get misused at times, however, particularly in antenna advertisements.

Bob, N7XY

On Wed, Aug 15, 2001 at 02:41:09PM -0600, Karl F. Larsen wrote:

>
> Hi Dave, I got 8 DBi from the antenna model program yesterday. MMANA by
> name and to be honest I always measured antenna from a dipole, not the
> isotropic gadget. Will look it up. As a VE I have found a lot in the
> questions that are wrong. But this may not be of course. If 2.1 DBi is
> correct then MMANA has a real problem.

>
> So does that antenna the X-beam. I will never believe it has 7 DB gain
> over a dipole...:-)

>
> On Wed, 15 Aug 2001, Dave Fifield wrote:

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> > Hi Karl,
> >
> > Please help me understand this. I was always led to believe (like in
> > the Amateur Extra manual) that a dipole had a gain of 2.1dBi.
> > How come you have a number of 8dBi?

> >
> > Thanks,
> > Dave Fifield, AD6A

> >
> > ----- Original Message -----
> > From: "Karl F. Larsen" <k5di@zianet.com>
> > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> > Sent: Wednesday, August 15, 2001 5:14 AM
> > Subject: Re: X-Beam revisited - 20M (Long) using MMANA

> >
> >
> > >
> > > It looks about right to me. 9 DBi means it's 1 DB better than a
> > > high dipole. The high dipole is kind of a standard and it has 8 DBi
> > > forward and no real F/B.

> > (snip)

> >

> >

> >

>

> --

> Yours Truly,

>

> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

--

Bob Nielsen, N7XY

nielsen@oz.net

Bainbridge Island, WA

<http://www.oz.net/~nielsen>

IOTA NA-065, USI WA-028S

Date: Wed, 15 Aug 2001 15:28:54 -0600 (MDT)

From: "Karl F. Larsen" <k5di@zianet.com>

To: <qrp-1@lehigh.edu>

Subject: [104984] Gain

Message-ID: <Pine.LNX.4.33.0108151517230.1338-100000@localhost.localdomain>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I have found two standards used in antenna study. The first is the isotropic radiator that has no beam shape at all. It radiates out away from itself in all directions.

The other is an "elemental dipole" which is a dipole so short that the current through it is equal and while it has a beam it is also very wide.

I was unable to find it said that the elemental dipole has a gain of 2.1 DBi, but this could be the case. The dipole I modeled is 1/2 wavelength long fed in the center and works on 20 meters. It is 20 meters above a normal ground. It has a gain of 8 DBi off the sides at the peak angle.

As I think about the problem I think the simulation is correct. I would sure like someone with another simulator or another newer book than I have, to do the simple dipole and let me know what they get.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Wed, 15 Aug 2001 16:31:09 -0400

From: "Tom" <n1tp@worldnet.att.net>

To: "qrp-1@Lehigh.EDU" <QRP-L@LEHIGH.EDU>
Subject: [104985] Last evening's CUB HUNT
Message-ID: <001a01c125c9\$383c1380\$99984d0c@tom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

K1VP (New Hampshire) was a solid, clean and clear 599 in Southwest Florida early in the hunt. He signal was simply not there (in Naples) an hour later.

WA7SPY's (Califronia) signal was VERY weak until around 0218, when his signal came up quickly. Late into the hunt he was barely readable and in the midst of heavy QRN.

I'm glad I didn't wait until the last hour to try him, as I often do with left coast FOXes.

The West Coast is almost always MUCH louder during the second hour in the both the 20 meter and 40 meter hunts.

Unusual and interesting band conditions last evening.

Tom, N1TP
Naples, Florida

Date: Wed, 15 Aug 2001 14:28:35 -0700
From: "bob baxter" <rbaxter@cybertrails.com>
To: "Elecrafft" <elecrafft@qth.net>, "QRP-L" <qrp-1@Lehigh.EDU>
Subject: [104986] De-soldering tool
Message-ID: <00c001c125d1\$4059bce0\$ef142aa2@bobbaxte>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

For everyone who has had problems with de-soldering, check out the home brewed tool in the new issue of QST page 63 Hints and Kinks. I removed the bulb from the de-soldering tool in my GI Weller station (from Fair Radio) and connected to my Soldapult with a piece of breathing oxygen tubing. I removed a 20 pin IC from a scrap board in 5 minutes flat. This thing really works.
Bob Baxter AA7EQ
Bisbee, Az.

Date: Wed, 15 Aug 2001 14:42:08 -0700
From: "Bill Jones" <kd7s@psnw.com>
To: <k5di@zianet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [104987] Re: Gain
Message-ID: <002b01c125d3\$22e5b090\$9110010a@fresno>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

According to L.B. Cebik's web page, a half-wave dipole exhibits 2.15 dB gain in free space.

----- Original Message -----

From: "Karl F. Larsen" <k5di@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, August 15, 2001 14:28 PM
Subject: Gain

> I was unable to find it said that the elemental dipole has a gain
> of 2.1 DBi, but this could be the case

=====

Bill Jones - <><
Sanger, California
=====

Date: Wed, 15 Aug 2001 15:49:30 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Bill Jones <kd7s@psnw.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104988] Re: Gain
Message-ID: <Pine.LNX.4.33.0108151548490.1400-1000000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Is that 2.15 DB or 2.15 DBi Bill?

On Wed, 15 Aug 2001, Bill Jones wrote:

> According to L.B. Cebik's web page, a half-wave dipole exhibits 2.15 dB gain

> in free space.
>
> ----- Original Message -----
> From: "Karl F. Larsen" <k5di@zianet.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Wednesday, August 15, 2001 14:28 PM
> Subject: Gain
>
>
> > I was unable to find it said that the elemental dipole has a gain
> > of 2.1 DBi, but this could be the case
> =====
> Bill Jones - <><
> Sanger, California
> =====
>
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Wed, 15 Aug 2001 17:54:55 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: QRP-L <qrp-l@lehigh.edu>, FL Ham <flham@qth.net>, Cars List <cars@k4ksa.org>, "larc@yahoogroups.com" <larc@yahoogroups.com>
Subject: [104989] Mosley TA-33 triband yagi for sale
Message-ID: <3B7AEFAF.6A9238B4@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For Sale:

New, never assembled Mosley TA-33 triband yagi. Covers 10, 15, 20 meters. Three elements on a 14' boom.

See <http://www.mosley-electronics.com/amateur.htm> for the specs.

This antenna was purchased and never assembled by the original owner. Includes the manual, all hardware, shiny tubing, etc.

The current Mosley price for this antenna is \$436.44

I will sell it for \$275.00 plus shipping. Can deliver to the Huntsville Alabama hamfest this weekend.

Digital pictures available upon request.

Paul K4FB

Date: Wed, 15 Aug 2001 15:18:47 -0700
From: "Bill Jones" <kd7s@psnw.com>
To: <k5di@zianet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [104990] Re: Gain
Message-ID: <003d01c125d8\$415a86e0\$9110010a@fresno>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, August 15, 2001 14:49 PM
Subject: Re: Gain

>
> Is that 2.15 DB or 2.15 DBi Bill?

dB_i, actually. L.B. Cebik's article can be found at:
<http://www.cebik.com/dbi.html>

=====
Bill Jones - <><
Sanger, California
=====

Date: Wed, 15 Aug 2001 18:36:02 -0400
From: "E. Roswell" <eroswell@monmouth.com>
To: qrp-1@Lehigh.EDU
Subject: [104991] Re: Extra Parts
Message-ID: <3B7AF952.957AA429@monmouth.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Try Micro Fasteners:
<http://www.microfasteners.com/>
73, K2MGM.

Date: Wed, 15 Aug 2001 16:55:55 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Cc: Dave Fifield <dave@redhotradio.com>
Subject: [104992] Got IT!
Message-ID: <Pine.LNX.4.33.0108151642010.1400-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Fooled around with MMANA which uses MININEC to calculate far fields and then you can list the gain from that. Here is what I found out. I simulated a 20 meter dipole 20 meters above a real ground and got a gain of 7.22 DBi. Then I used a perfect ground and got a gain of 7.80 DBi which was what I quoted in earlier messages as 8 DBi.

Then I simulated the 20 meter dipole in free space and wonder of wonders I got 2.13 DBi which is the magic number.

So the FACT is that for some good reasons the isotropic radiator and the dipole in free space, neither of which exist, are related by the fact that the dipole is 2.13 DB stronger than the isopole radiator.

When you put the dipole close to a ground, like a wavelength, it has a more compact beam that shows gain of like 8 DBi.

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

End of QRP-L Digest 2282
